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# Hosea Waterer's Seeds

BELL PHONE  
LOMBARD 8743



KEYSTONE PHONE  
MAIN 2604

1925

**HOSEA WATERER**

*Seedsman and Bulb Importer*

626 CHESTNUT STREET, PHILADELPHIA



# WATERER'S SEED CATALOGUE



QUALITY  
COURTESY

1925

SERVICE  
RELIABILITY



Are the Fundamental Principles Guiding Our Business

Suggestions to customers in ordering from this  
Catalogue, which if followed, will be of mutual aid

**ORDER EARLY.**—We endeavor to ship all orders immediately on receipt, but during the rush season it is almost impossible, hence the importance of ordering early.

**NAME AND ADDRESS.**—Please write on each order your Name, Post Office, Shipping Point or nearest Express Office, your County and State. Use the order sheet enclosed in catalogue if possible.

**COUNTER CUSTOMER.**—We suggest to those who buy in person at our store the advantage of having their lists made out before they call. They may be left and called for later, taken at once or shipped. In any case it is a great saving of time to the buyer. The list should have full name and address written on it so that our catalogues may be mailed to the purchaser as issued. We also urge early buying—January and February are good months.

**PRICES.**—It is our endeavor to maintain the prices quoted in this catalogue throughout the season, but in the event of unforeseen circumstances arising, we reserve the right to change the price of any article (in this catalogue) without notice.

**FORWARDING.**—We prepay postage to any post office in the United States, on vegetable and flower seeds quoted by the packet, ounce, and quarter pound. All other goods are sent by express or freight at purchaser's expense. We make no charge for delivery to freight depots or express offices in Philadelphia.

**REMITTANCES** should be made by Post Office Money Order, Express Money Order, Registered Letter or Draft on Philadelphia or New York banks. Small sums may be sent in loose postage stamps of small denominations.

**NON-WARRANTY.**—Hosea Waterer gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants he sends out, and he will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

## PARCEL POST RATES

**WEIGHT LIMIT.**—The weight limit within the First, Second, and Third Zones is now 70 pounds, and within all other Zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the Second Zone.

### DOMESTIC PARCEL POST RATES—Within the United States and Possessions

	First pound or fraction	Each additional pound or fraction
First zone, within 50 miles of Philadelphia.....	5 cts.	1 ct.
Second zone, within 50 to 150 miles of Philadelphia.....	5 cts.	1 ct.
Third zone, within 150 to 300 miles of Philadelphia.....	6 cts.	2 cts.
Fourth zone, within 300 to 600 miles of Philadelphia.....	7 cts.	4 cts.
Fifth zone, within 600 to 1,000 miles of Philadelphia.....	8 cts.	6 cts.
Sixth zone, within 1,000 to 1,400 miles of Philadelphia.....	9 cts.	8 cts.
Seventh zone, within 1,400 to 1,800 miles of Philadelphia.....	11 cts.	10 cts.
Eighth zone, all over 1,800 miles of Philadelphia.....	12 cts.	12 cts.

All goods sent by parcel post are at purchaser's risk, unless insured. Insurance is 5 cents for \$25 or less, 10 cents for \$25 to \$50. This insures delivery only, but not damage to package.

Should you want to purchase anything needed in the garden, greenhouse, or farm, not listed in this catalogue, we will gladly fill your order at the lowest market price, or quote prices if desired.

**GARDENERS' AND FARMERS' SITUATIONS.**—We have, at times, the names of practical gardeners and farm managers in want of situations. If parties desiring such will write us, we shall be glad to put them in communication with men whom we deem suitable. We make no charge for this service.

HOSEA WATERER  
SEEDSMAN

BOTH PHONES

626 CHESTNUT ST.

PHILADELPHIA, PA.

ESTABLISHED 1895





# Garden Vegetables

All prices are  
subject to change  
without notice

## ASPARAGUS SEED

**CULTURE.** Sow the seed as early in spring as the soil can be worked, in drills 1 foot apart, and, when well started, thin out to 3 inches apart. When one to two years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 1½ feet. Set the plants in rows 3 feet apart, and not less than 1½ feet apart in the row. Care should be taken that the roots are well spread, and set at a depth of 6 inches below the level of the bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down, apply a dressing of coarse manure, and in the spring fork it in. An occasional top dressing of salt at the rate of one-half pound per square yard is also beneficial.

**ARGENTEUIL.** This variety is largely grown in France for the Paris market. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.

**BARR'S MAMMOTH.** A quick grower with very large stalks. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$1.50.

**CONOVER'S COLOSSAL.** The standard variety; large and very prolific. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$1.50.

**PALMETTO, or ECLIPSE.** An early, prolific, and very desirable variety. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$1.50.

**Pedigreed Washington.** It is rust-resistant, particularly vigorous, and of wonderful quality. The shoots are large, straight, dark green in color, and with a heavy purple overtone; the tight, firm tips do not begin to open out until well out of the ground. Pkt. 10 cts.; oz. 30 cts.; ¼ lb. \$1; lb. \$3.50.

## ASPARAGUS ROOTS

*It requires 100 plants for a single row of 150 feet*

	Doz.	100	1,000		Doz.	100	1,000
Argenteuil.....	\$0 30	\$1 25	\$10 00	Palmetto, or Eclipse..	\$0 30	\$1 25	\$10 00
Barr's Mammoth....	30	1 25	10 00	Pedigreed Washington	50	2 00	17 50
Conover's Colossal....	30	1 25	10 00				

Above prices are for 2-year-old roots

## ARTICHOKE

**CULTURE.** Sow seed in hotbed in February or March, in rows 6 inches apart. Transplant, when large enough, into boxes or pots. After danger of frosts is past, plant in the open ground, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press firmly in the ground, but do not plant too deep.

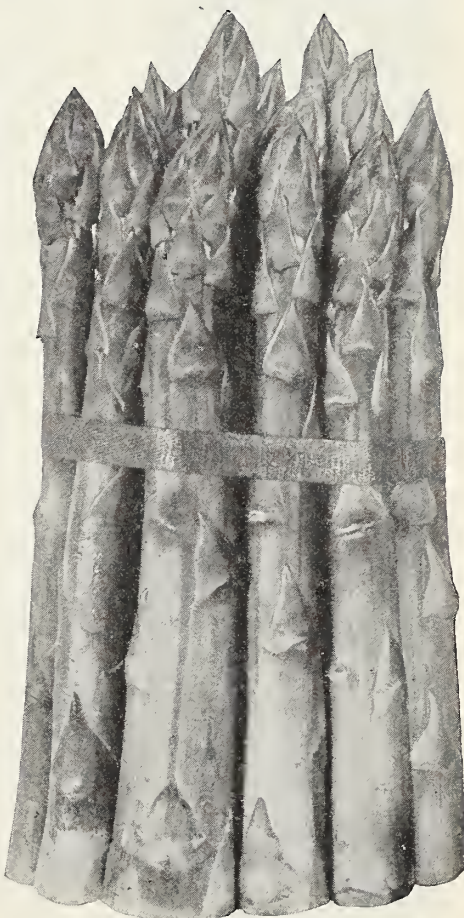
**LARGE GLOBE, or PARIS.** The best of all Artichokes. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 50 cts.

**JERUSALEM ARTICHOKE.** Distinct from the Globe, and propagated by and for its tubers. Lb. 20 cts.; 5 lbs. 85 cts.; 25 lbs. \$2.75.

## BROCCOLI

Requires the same treatment as cauliflower. The heads are tender, white, and of delicate flavor.

**LARGE WHITE FRENCH.** Heads white, very compact, and hard. Pkt. 10 cts.; ½ oz. 30 cts.; oz. 50 cts.



Pedigreed Washington Asparagus

**INOCULATE BEANS AND PEAS WITH  
MULFORD CULTURES**



# BEANS

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

Beans should not be planted too early, as they are very sensitive to cold and wet. Plant about the middle of April, when warm and favorable, and at intervals throughout the season for a succession until the latter part of August. Bush varieties should be planted in rows 2 feet apart, and the Beans 2 inches apart and 2 inches deep in the rows. Keep them well cultivated and draw the earth up to the stem, but only when dry.

One pound will plant about 50 feet of drill

## DWARF GREEN-PODDED BEANS

**Bountiful.** This is the best of the flat-podded, stringless varieties. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, attractive, and of very fine quality. At the same time it is very early, vigorous, hardy, and a heavy yielder. Pkt. 10 cts.; lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

**EXTRA-EARLY RED VALENTINE.** This is the earliest of all green Bush Beans. The pods are round, slightly curved, very meaty, pale green in color, and semi-transparent. The plants bear abundantly and the Beans remain fit for use a long time. Pkt. 10 cts.; lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

**MASTERPIECE (SUTTON'S).** A superior green, round-podded variety; very prolific; long, straight, stringless pods; very early, fine forcer. Our imported stock of this exceptionally fine variety has given great satisfaction wherever tried. Pkt. 15 cts.; lb. 70 cts.; 5 lbs. \$3.25.

**\*Stringless Green-Pod.** This Bean is very early, productive, hardy, and vigorous. The pods average about 5

inches in length, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkt. 10 cts.; ½ lb. 25 cts.; lb. 45 cts.; 5 lbs. \$2.20; 10 lbs. \$4.

**GIANT STRINGLESS GREEN-POD.** Somewhat similar to Stringless Green-Pod, but pod is a little longer, straighter, more slender, and slightly lighter in color; early, hardy, and of highest quality. Pkt. 10 cts.; lb. 45 cts.; 5 lbs. \$2.20; 10 lbs. \$4.

**CANADIAN WONDER.** The finest forcing Bean. A great favorite, both for table and exhibition. Produces an abundance of very long fleshy pods of superb quality. Pkt. 15 cts.; lb. 60 cts.

**FULL MEASURE.** A second-early, round-podded, stringless variety of recent introduction. The pods are good length, bright green in color, and entirely stringless. Very prolific and of excellent quality. Pkt. 10c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**BLACK VALENTINE.** Very popular on account of its extreme hardness and earliness. The pods are long, smooth, straight, round, and of a bright, green color. Pkt. 10 cts.; lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

## DWARF WAX, OR YELLOW-PODDED BEANS

**Wardwell's Kidney Wax.** The plants grow about 15 inches high; vigorous and very productive. The pods are straight, almost flat, and from 5½ to 6 inches long. They are fleshy, brittle, fine-grained, stringless, and of a rich golden yellow color, and are of good quality and very attractive. Pkt. 10 cts.; lb. 45 cts.; 5 lbs. \$2.20; 10 lbs. \$4.

**\*IMPROVED RUSTPROOF GOLDEN WAX.** A strong grower; free from rust. Pods meaty and well filled, semi-round, rich yellow, fine quality; entirely stringless. Pkt. 10 cts.; ½ lb. 25 cts.; lb. 45 cts.; 5 lbs. \$2.20; 10 lbs. \$4.

**PENCIL-POD BLACK WAX.** Long, light golden yellow pods, very tender and brittle. Pkt. 10c.; lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

## DWARF BEANS FOR SHELLING (WINTER USE)

**\*BOSTON SMALL PEA BEAN.** Commonly known as the Boston or Navy Bean. While the pods can be used like those of every other String Bean, they are not so tender, and this sort is cultivated principally for shelling. Fine for baking. ½ lb. 20 cts.; lb. 30 cts.; 5 lbs. \$1.25; 10 lbs. \$2.40.

**Stringless Refugee Wax.** The pods are round, pencil-like, and are always stringless. The color is a rich golden yellow, and the quality is excellent. Pkt. 10 cts.; lb. 45 cts.; 5 lbs. \$2.20; 10 lbs. \$4.

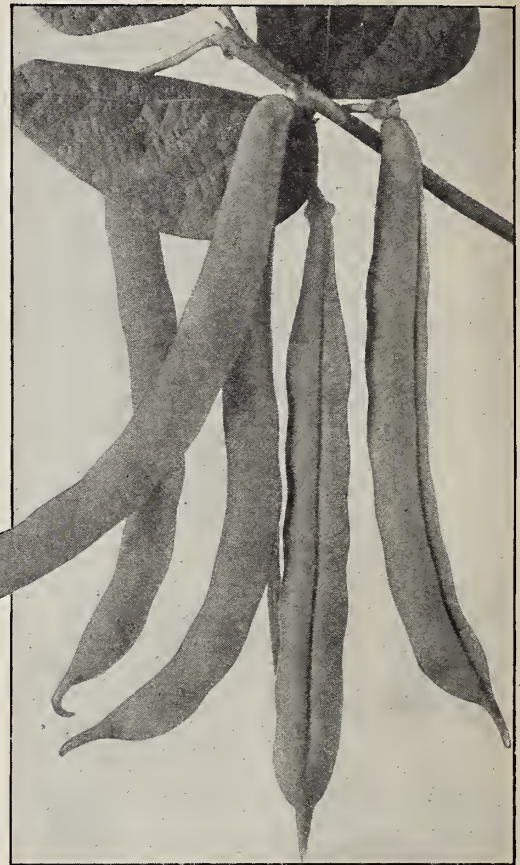
**CURRIE'S RUSTPROOF WAX.** Early and productive. The pods grow long, flat, are very tender, and of the finest quality. Pkt. 10 cts.; lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

**BURPEE'S NEW KIDNEY WAX.** Long, handsome pods which are remarkable for their meatiness, fine flavor, brittleness, and freedom from strings. Pkt. 10 cts.; lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

**SURE-CROP WAX.** A stringless dwarf Wax Bean, very tender and of excellent quality. Pkt. 10 cts.; lb. 45 cts.; 5 lbs. \$2.20; 10 lbs. \$4.

**\*LARGE WHITE MARROW.** Large, oval-shaped, white Beans, grown like the Boston Bean as a field crop for baking. The dried Beans are larger than the Boston, pure white, and very meaty. ½ lb. 20 cts.; lb. 30 cts.; 5 lbs. \$1.25; 10 lbs. \$2.40.

**\*RED KIDNEY.** Fine variety for baking. ½ lb. 20 cts.; lb. 30 cts.; 5 lbs. \$1.25; 10 lbs. \$2.40.



Stringless Green-Pod Beans



Wardwell's Kidney Wax Beans

PLEASE NOTE. Only varieties of Beans marked \* can be supplied in ½ lb. packages



INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

## BUSH LIMA BEANS

These varieties are of true bush or dwarf form, growing but 18 to 20 inches high, without supports. They are about two weeks earlier than the Pole Lima Beans, sure croppers, and abundant bearers until frost. Plant in rows 2 feet apart, dropping the seeds about 6 inches apart in the row, and cover 2 inches.

*One pound will plant 50 feet of row*

**\*Fordhook.** The Fordhook is entirely distinct in habit of growth. The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use as early as the popular Burpee's Bush Lima, but the Beans are much plumper and remain green much longer. The green Beans are thick and meaty and are closely packed in the pods, which shell very easily. Pods are borne in clusters of from four to six, average 4 to 5 inches long, and usually contain four tender Beans of a delightful flavor. Pkt. 10 cts.; ½ lb. 30 cts.; lb. 55 cts.; 5 lbs. \$2.50.

**BURPEE'S IMPROVED.** This improved variety differs from the original Burpee's Bush Lima in having much larger pods and producing more Beans, while both pods and Beans are not only larger in size but also considerably thicker. The pods measure 5 to 6 inches long, and even when of full size the enormous Beans are of the most delicious flavor. Pkt. 10 cts.; lb. 55 cts.; 5 lbs. \$2.50.

**DREER'S or KUMERLE.** An excellent large-seeded variety. Pods thick and large, each containing three to five thick Beans of the best quality. Pkt. 10 cts.; lb. 50 cts.; 5 lbs. \$2.25.

**DREER'S WONDER.** The plants are upright and compact in growth, and are completely covered with large pods. Pkt. 10 cts.; lb. 50 cts.; 5 lbs. \$2.25.

**HENDERSON'S.** A dwarf form of the Sieva Lima, valuable for its earliness. Pkt. 10c.; lb. 40c.; 5 lbs. \$1.75.

## POLE OR RUNNING BEANS

These Beans need poles for support, are later than Bush Beans, and are more productive.

**\*Kentucky Wonder, or Old Homestead.** Long, flat green pods, 7 to 9 inches in length, fleshy and stringless. Heavy yielder. Pkt. 10 cts.; ½ lb. 25 cts.; lb. 40 cts.; 5 lbs. \$1.75.

**LAZY WIFE.** The dry Beans are excellent for winter use. Pkt. 10 cts.; lb. 40 cts.

**WHITE DUTCH CASE-KNIFE.** Good as a Shell Bean, either green or dry. One of the earliest and very productive. Pkt. 10 cts.; lb. 40 cts.

**WHITE CREASEBACK or BEST OF ALL.** Early green-podded variety, productive, and of fine quality. Pkt. 10 cts.; lb. 35 cts.

**SCARLET RUNNER.** A favorite, both for its quality as a Snap Bean and also for its flowers, which are a bright scarlet. Pkt. 10 cts.; lb. 35 cts.

**\*EARLY GOLDEN CLUSTER WAX.** An early sort, producing an abundance of bright golden yellow pods, which are thick, fleshy, and tender. Pkt. 10 cts.; ½ lb. 25 cts.; lb. 40 cts.

**KENTUCKY WONDER WAX.** Similar to the Kentucky Wonder, or Homestead Green Pod, except in the color of pods, which in this one are light waxy yellow. It has a thick, broad pod, very tender, of delicious flavor and stringless. The pods often attain a length of 8 to 9 inches. Pkt. 10 cts.; lb. 40 cts.

## POLE LIMA BEANS

These require poles 8 to 10 feet long. Plant in hills 3 to 4 feet apart each way, and 2 inches deep, allowing four to six seeds to each hill. When the plants are well established they should be thinned out to three. They are more sensitive to cold than the Bush Beans, and should not be planted before the middle of May.

*One pound will plant about 50 hills*

**CARPINTERIA.** A very fine, vigorous, strong-growing Lima. Very productive, and the Beans—usually four to the pod—are much larger and thicker than ordinary Limas and seed retain their distinctively green tinge. Pkt. 10 cts.; lb. 45 cts.; 5 lbs. \$2.

**\*King of the Garden.** A vigorous and productive sort; pods very long, each containing five to six large Beans of delicious flavor. Pkt. 10 cts.; ½ lb. 25 cts.; lb. 45 cts.; 5 lbs. \$2.

**EARLY JERSEY.** This variety matures a few days earlier than the King of the Garden Lima. Pods contain three and four large Beans each. Pkt. 10c.; lb. 45 cts.; 5 lbs. \$2.

**Waterer's Evergreen.** Vines are vigorous and make strong growth, producing large quantities of pods containing four large Beans. These are thicker than the ordinary Lima and have a decided green tinge, even when old, which they retain after cooking; unsurpassed in flavor. Pkt. 10 cts.; lb. 45 cts.; 5 lbs. \$2.

**DREER'S IMPROVED, or CHALLENGER.** The vines of this variety are vigorous and productive, the pods thick and contain four to five Beans of excellent quality. Pkt. 10 cts.; lb. 45 cts.; 5 lbs. \$2.

**SMALL, or SIEVA.** Very productive. Beans small, good quality. Pkt. 10 cts.; lb. 40 cts.; 5 lbs. \$1.75.

## BRUSSELS SPROUTS

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost.

**LONG ISLAND HALF DWARF.** Produces compact sprouts of finest quality; a good keeper. Pkt. 10 cts.; oz. 30 cts.

**"EXHIBITION."** Produces an abundant crop of large, solid sprouts, delicious in flavor, which come early to maturity. Pkt. 10 cts.; oz. 35 cts.

**MATCHLESS.** An excellent variety for general use. The plants are robust, very hardy, and the stems are covered with compact globular sprouts of excellent flavor. Pkt. 10 cts.; oz. 35 cts.



Bush Lima Beans



Pole Lima Beans



Brussels Sprouts

PLEASE NOTE. Only varieties of Beans marked \* can be supplied in ½ lb. packages



## TABLE BEETS

The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin out to 3 to 4 inches apart in rows; continue for a succession as late as the middle of July.

*One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre*



Detroit  
Beet

**EARLY BASSANO.** A very early flat variety; flesh white and rose-colored; very sweet. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.75.

**EDMAND'S BLOOD TURNIP.** One of the best to follow the extra-early sorts and for a late planting. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.75.

**HALF-LONG BLOOD.** Of bright color and excellent quality. For winter use sow early in July. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**LONG DARK BLOOD.** A good late variety for fall and winter use; sweet and tender. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.75.

**Detroit Dark Red.** This superb variety is one of the most popular red Turnip Beets, not only for market gardeners, but for home use. It is also one of the best for canning. Top small, upright growing, so that the rows may be close together; leaf-stem and veins dark red, blade green; root globular and very smooth; color of skin dark blood-red; flesh deep, bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**Winter Keeper.** Almost globe-shaped; rich dark red, tender and sweet; one of the best Beets to keep for a winter supply. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50.

**Crosby's Egyptian.** A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well as for the market. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**CRIMSON GLOBE.** This fine variety is of medium size, perfect globe shape, and is produced very uniformly, with smooth skin, small tops, and a rich dark blood-red color, slightly zoned. It is very tender and sweet. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**BASTIAN'S EARLY BLOOD TURNIP.** Tops small; roots turnip-shaped; flesh tender, blood-red color. An extra-good medium-early variety. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.75.

**EARLY ECLIPSE.** This variety is exceedingly popular and is one of the best early sorts. The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet, dark red, zoned with a lighter shade. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.75.

**EARLY MODEL RED GLOBE.** This variety is an excellent selection of blood-red Beet, being extremely smooth and of fine color and perfect globe shape; flesh remarkably sweet and tender. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.75.



Long Red  
Mangel-  
Wurzel



Crosby's Egyptian Beets

## SWISS CHARD OR SPINACH BEET

*One ounce will sow 50 feet of row*

**GIANT LUCULLUS.** Swiss Chard is used extensively, either as greens or in the same manner as asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills  $1\frac{1}{2}$  feet apart and  $1\frac{1}{2}$  inches deep. Thin the plants to 6 inches apart and cultivate the same as for the common beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 55 cts.; lb. \$1.50.

## MANGEL-WURZEL AND SUGAR BEET

Used for feeding stock. Sow in May or June, in rows 3 feet apart, and thin to 8 inches apart in the row.

*One ounce sows 50 ft. of drill; 6 pounds an acre*

**Mammoth Prize Long Red.** The largest and heaviest cropper of all the Mangels. Dark red skin, with whitish flesh. Oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 5 lbs. \$3.25.

**GOLDEN TANKARD.** An enormous yielder of weight per acre, and at the same time very nutritious. Flesh deep yellow. Oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 5 lbs. \$3.25.

**IMPROVED WHITE SUGAR BEET.** Does not grow quite so large as the Mangels, but is much sweeter and unsurpassed as a feed for milch cows, greatly improving the quality and yield of the milk. Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.; 5 lbs. \$3.25.



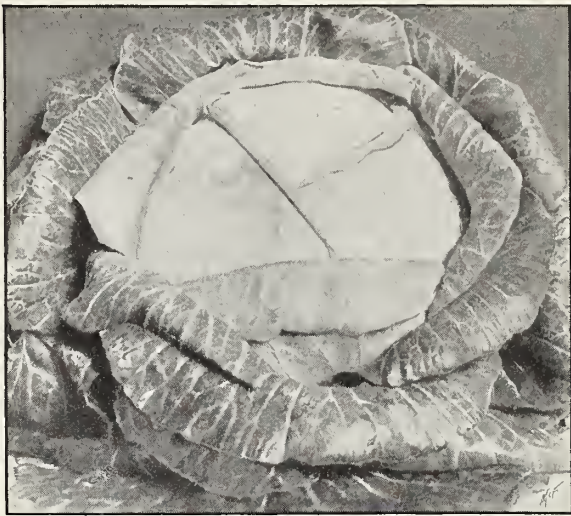
Swiss Chard

ALL PRICES SUBJECT TO MARKET CHANGES





Wakefield Cabbage



Late Flat Dutch Cabbage

CABBAGE

For very early use, sow in January or February in hotbeds; prick out when the plants are strong enough into other hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frosts has passed, in rows 2 feet apart and 1½ feet from plant to plant. For succession, sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown in April or early in May, in shallow drills 3 to 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed.

One ounce should produce about 2,500 plants

**Copenhagen Market.** The finest, large, round-headed early Cabbage. The heads average about 10 pounds, are solid, and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. \$1.10.

**Selected Early Jersey Wakefield.** The standard early variety; conical in shape; medium-sized heads; very solid. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. \$1.10.

**CHARLESTON or LARGE WAKEFIELD.** Not quite as early as the regular Jersey Wakefield; heads considerably larger, very solid, and not so pointed. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. \$1.10.

**WINNIGSTADT.** Well-known and popular Cabbage. In season very close to early Jersey Wakefield. Heads large, decidedly conical; solid, even in summer; almost worm-proof, because so hard. A very sure header. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. \$1.

**EARLY SUMMER.** A second-early Cabbage which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**SUCCESSION.** This popular second-early sort is about ten days later than Early Summer, larger in growth, and heads more uniform. It is an excellent keeper and in color an attractive light green. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. \$1.

**GLORY OF ENKHUIZEN.** Very desirable on account of its earliness, sure-headedness, and fine keeping quality. The heads are of large size and solid. Pkt. 10c.; ½oz. 20c.; oz. 30c.; ¼lb. \$1.

**Danish Ballhead.** A well-known variety on account of its solid heads and unsurpassed keeping qualities. Heads are of medium size with few outer leaves, hence its name, "Ballhead." Solid, crisp, tender, with small amount of waste. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. \$1.25.

**DANISH ROUNDHEAD.** Similar to Danish Ballhead, but slightly larger and about two weeks earlier. Very hard and heavy. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. \$1.

**Selected Late Flat Dutch.** A popular late variety. Its keeping qualities are unsurpassed. For market and family use this variety is more extensively cultivated than any other. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. \$1.10.

**LARGE LATE DRUMHEAD.** A favorite winter variety. The heads grow to very large size and heavy weight. They are solid, of good quality and texture, and have very few loose leaves, allowing of planting closely in the field. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. \$1.

SAVOY CABBAGE

**Perfection Drumhead Savoy.** The hardest heading and best Savoy, possessing the rich flavor of the cauliflower. Pkt. 10 cts.; oz. 35 cts.; ¼lb. \$1.25.

RED CABBAGE

**Mammoth Rock Red.** This late standard variety produces very solid, 10-pound heads of intense dark red color. The plant is large, with numerous spreading leaves and is sure heading. Used very largely for pickling on account of its excellent flavor and attractive color. Produces the largest head of any of the red varieties. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. \$1.35.

**RED DRUMHEAD.** The standard pickling variety and a good keeper. Heads large, rounded in shape, solid, and of a fine, deep red color. Pkt. 10 cts.; ½oz. 20 cts.; oz. 30 cts.; ¼lb. \$1.

CHINESE, OR PE-TSAI CABBAGE

This is often called "Celery Cabbage" on the market, and when well grown resembles cos lettuce. The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like cos lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like lettuce or cooked like other Cabbages. Sow seed after July 1, in drills 20 inches apart, and thin the seedlings two or three times, or, if grown for the market, start in boxes and transplant like late Cabbage. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.



Chinese, or Pe-Tsai Cabbage

CARDOON

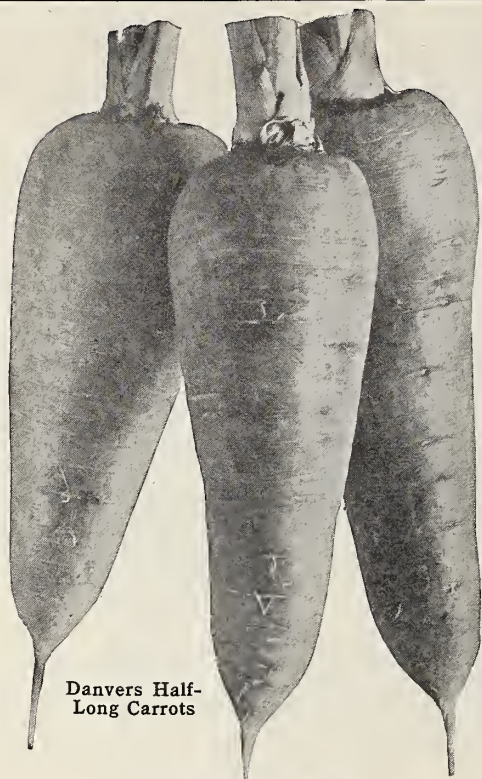
Sow early in the spring and transplant in trenches of well-manured ground, 3 feet apart and 1 foot apart in the rows; when full size, bind the plant together and earth up the same as celery.

**LARGE SOLID.** Grows about 4 feet high and is almost entirely spineless. Pkt. 10 cts.; oz. 30 cts.

CHERVIL

**CURLED.** The curled Chervil is cultivated like parsley and used for garnishing and flavoring soups and salads. Pkt. 10c.; oz. 25c.





Danvers Half-Long Carrots

## CARROT

A sandy, rich loam, deeply cultivated, is the best soil for Carrots. For home gardens, sow in rows 1 foot apart and thin to 2 to 3 inches apart in the row; for field-culture, 2 to 2½ feet between rows. Cover ½ inch and thin to 3 to 4 inches between plants.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre

**Danvers Half-Long Orange.** A first-class variety. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh dark orange, sweet, crisp, and tender. Valuable for market gardeners; also as a field crop. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.25.

**WATERER'S FORCING.** A handsome half-long Carrot of deep orange-red color, almost coreless; very desirable for forcing or open ground. Pkt. 10 cts.; oz. 30 cts.; ¼ lb. 90 cts.; lb. \$3.

**EARLIEST FRENCH FORCING.** The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. Delicate, fine-grained, and remarkably fine flavored. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

**EARLY SCARLET HORN.** For forcing and early garden use; flesh deep orange, fine grained. May be planted very early and is an excellent summer variety. Tops small and roots grow about 2 inches long. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

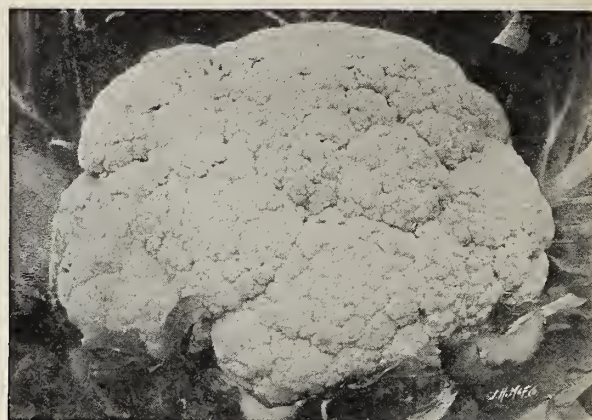
**Nantes Half-Long. (Improved.)** Sweet, fine flavored, excellent for the home garden or market. One of the finest in quality and handsomest in shape of the medium-sized sorts. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.25.

**CHANTENAY, or MODEL.** An excellent Carrot for summer and winter use. It is finely shaped, half-long, blunt-pointed, with a small top, and the roots run very even in shape and size—about 5 to 6 inches long. The skin is clean, smooth, and of a deep orange color. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.25.

**ST. VALERY.** One of the best and handsomest main-crop Carrots and enormously productive. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.25.

**IMPROVED LONG ORANGE.** Most popular of the long sorts. Deep orange color; about 3 inches thick at the top and about 1 foot long, tapering to a point. Very productive. It is a good keeper, of fine quality for winter use, and extensively grown for stock feeding. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.25.

**LARGE WHITE BELGIAN.** The roots grow partly above ground and are thick through, yielding a heavy crop which should be harvested before frost. It is a field Carrot and grown only for stock feeding. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. \$1.75.



Snowball Cauliflower

## CAULIFLOWER

Cauliflower succeeds well in any soil where cabbages will grow, but it delights in a rich soil and abundance of water. Sow the seed in a hotbed in January or February, and, when the plants are large enough, transplant 3 inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, in rows about 2½ feet apart, and 2 feet between the plants. Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. Late varieties, which mature in autumn, are sown and managed like winter cabbage.

**Early Snowball.** One of the best types of Cauliflower on the market. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting, as well as for early crops. It is a sure header. Pkt. 25 cts.; large pkt. 50 cts.; ¼ oz. \$1.

**EARLIEST SNOWSTORM.** A splendid dwarf early variety for forcing or growing in the open ground. Pkt. 25 cts.; large pkt. 50 cts.; ¼ oz. \$1.

**Waterer's Extra-Selected Dwarf Erfurt.** The best Cauliflower, either for forcing under glass or for the open ground, producing very solid, pure white heads of the finest quality. Pkt. 25 cts.; large pkt. 50 cts.; ¼ oz. \$1.

**DANISH GIANT, or DRY WEATHER.** This variety withstands dry weather better than any other sort; heads large, very solid, snow-white, and of the most delicate flavor. Pkt. 25 cts.; large pkt. 50 cts.; ¼ oz. \$1.

**VEITCH'S AUTUMN GIANT.** A valuable and distinct late variety, producing large, white, firm heads. Pkt. 10 cts.; large pkt. 20 cts.; ¼ oz. 35 cts.

**EARLY PARIS, or NONPAREIL.** This is a well-known standard French variety, producing good-sized, pure white heads, which are tender and delicious. Pkt. 15 cts.; large pkt. 25 cts.; ¼ oz. 50 cts.

**ALGIERS.** One of the best late sorts. Grown largely for fall use. It is a sure header. Pkt. 15 cts.; large pkt. 25 cts.; ¼ oz. 50 cts.



Witloof Chicory

## CHICORY

**WITLOOF CHICORY, or FRENCH ENDIVE.** This is the delicious salad served in first-class restaurants under the name of "French Endive." Sow the seed during May, in rows 1 to 1½ feet apart, and cover with about ¼ inch of soil; when large enough, thin out to 6 inches apart in the row. In late autumn, lift the roots carefully, cut off the leaves about ½ inch from the crown, and store in the cellar in sand or dry soil. After one month's rest they are ready for forcing. Plant thickly in a deep box in the cellar or in a dark place where it is warm. They will soon begin to send forth new leaves which, grown in the dark, are snowy white, crisp, and of finest flavor. It requires about one month to force the roots and the heads are cut off with a small portion of the neck of the root attached. A continuous supply can be had by planting a dozen roots or more at a time. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.



## CELERY

Sow the last of March or early in April, in drills 8 to 10 inches apart. The seed should be covered very lightly or merely pressed into the earth. When fairly out of the seed-leaf, they may be transplanted to another bed, or else thinned out to 4 inches apart and let grow until wanted for transplanting out into the beds or trenches early in July. Some gardeners trim off the tops a little while the plants are small, to make them grow more stocky. The trenches should be shallow, 3 to 4 feet apart, and wide enough to hold one or two rows. These rows should be 1 foot apart and the plants set about 6 inches apart in the row. As the plants grow they should be earthed up to blanch them, care being taken not to let the earth get into the heart. For keeping over the winter, bank up with earth and cover over with litter to keep out the frost, placing boards on top to keep out the rain.

*One ounce of seed should produce about 3,000 plants*

**COLUMBIA.** A splendid variety of medium height. The stalks are broad and thick, almost round, solid, and of the highest quality. The foliage is of a light green shade with a tinge of yellow. It matures early, is crisp, tender, and of fine flavor. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 20 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1.

**Easy Blanching.** A variety of Celery remarkably easy to blanch which, together with its being adapted to early use as well as storing for winter, make it especially suitable for the home garden. Stalks thick, brittle, and of excellent flavor; plant a strong, healthy grower. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 30 cts.; oz. 50 cts.;  $\frac{1}{4}$ lb. \$1.50.

**Paris Golden Self-blanching.** (French-grown seed.) The best very early Celery, extensively grown for summer and early autumn use. The stalks are solid, crisp, tender, and of fine, nutty flavor. Pkt. 20 cts.;  $\frac{1}{2}$ oz. 75 cts.; oz. \$1.25.

**White Plume.** This is one of the most popular of the varieties now in use. A comparatively easy variety to grow, as it is fairly hardy, and, being naturally white, is easy to blanch. Forms a medium-sized bunch and is fairly tall. Used mostly for a very early crop. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 25 cts.; oz. 40 cts.;  $\frac{1}{4}$ lb. \$1.35.

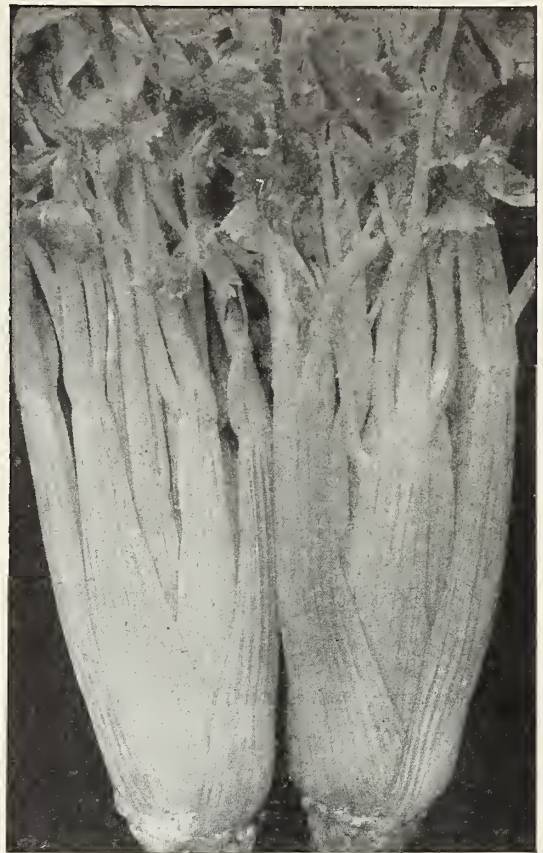
**GIANT PASCAL, or WINTER KING.** One of the best for fall and winter use. It is a selection from the Golden Self-blanching, and adds to the general good quality of its parent superior keeping qualities. The stalks are very large, solid, crisp, and of a rich, nutty flavor. It blanches very easily and quickly. The heart is golden yellow; very attractive. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 20 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1.25.

**Winter Queen.** This is the most valuable variety of Celery for winter and spring use ever introduced. It is thicker and heavier, with double the amount of heart of any known Celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream-white. Ribs perfectly solid, crisp, and of a delicious, nutty flavor. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 20 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1.25.

**PRIZE PINK.** Very select, large, solid, crisp, and of fine flavor. Pkt. 20 cts.;  $\frac{1}{2}$ oz. 60 cts.; oz. \$1.

**STANDARD BEARER. (Red.)** A variety of compact habit and robust growth. It grows to a heavy weight, is of good quality, solid, and of fine flavor. Pkt. 20 cts.;  $\frac{1}{2}$ oz. 60 cts.; oz. \$1.

**DWARF GOLDEN HEART.** Heart large and full, of a golden yellow; very solid, rich flavor, and good keeper. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 20 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1.25.



Paris Golden Celery

**BOSTON MARKET.** Of dwarf-branching habit; solid, crisp, and fine flavor. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 20 cts.; oz. 35 cts.;  $\frac{1}{4}$ lb. \$1.25.

**PERFECTION HEARTWELL.** One of the finest and largest of winter varieties. Pkt. 10 cts.;  $\frac{1}{2}$ oz. 20 cts.; oz. 30 cts.;  $\frac{1}{4}$ lb. \$1.

**SOUP, or FLAVORING CELERY.** Not for planting purposes, but used for flavoring.  $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

## CELERIAC

Turnip-rooted Celery

**GIANT SMOOTH PRAGUE.** An improved form of the Turnip-rooted Celery. Roots large, round, smooth, and free from side roots. A profitable variety for market-gardeners. Sow seed same as celery, transplant into rows 2 feet apart and about 6 to 8 inches apart in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$ lb. 75 cts.

## CORN SALAD

**LARGE-SEEDED ROUND-LEAVED.** A delicious salad for late fall, winter, and early spring use. The leaves are also used for garnishing meat dishes. Sow the seed during July, August, and September, in rich soil in shallow drills, and cover with  $\frac{1}{4}$  inch of soil. Matures in sixty to sixty-five days. The frost makes the leaves tender; they can be cut and used any time during the winter and early spring. Serve with a French dressing. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$ lb. 60 cts.

## CRESS

Easily grown during winter on the greenhouse bench, in frames or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water-cress requires a stream of running water, ditch, or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

**EXTRA CURLED, or PEPPER GRASS.** Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 35c.

**WATER CRESS.** Pkt. 10 cts.; oz. 35 cts.



Celeriac (Turnip-rooted Celery)



## SWEET OR SUGAR CORN

Our Seed Corn is grown from carefully selected seed stocks.

*One pound will plant about 100 hills, or 150 to 200 feet of row*

Sweet Corn, being liable to rot in cold, wet ground, should not be planted before May, or until the ground becomes warm. For a succession, plant every two weeks until middle of July, in rich, well-manured ground, in shallow furrows  $3\frac{1}{2}$  feet apart, thinning out to stand 1 foot apart in the rows, or in hills 3 feet apart each way, thinning out to stand three plants in a hill.

**PLEASE NOTE.** Only varieties of Sugar Corn marked \* can be supplied in  $\frac{1}{2}$  lb. packages. Packets of all varieties Sweet Corn, 10 cts. each

**DE LUE'S GOLDEN GIANT.** Grown and bred in New England, where it is pronounced the sweetest Corn ever eaten.  $\frac{1}{4}$  lb. 30 cts.;  $\frac{1}{2}$  lb. 50 cts.; lb. 75 cts.

**EXTRA-EARLY CORY.** (White-Cob Strain.) One of the earliest and best of the extra-early varieties. Ears medium size—large, sweet grain. Lb. 35 cts.; 5 lbs. \$1.25.

**\*Stabler's Early.** Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness, and earliness, and is a desirable variety for the home-garden.  $\frac{1}{2}$  lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.25.

**METROPOLITAN.** A remarkably fine, vigorous-growing Corn, with good-sized ears; very early; excellent quality. Lb. 35 cts.; 5 lbs. \$1.25.

**\*Golden Bantam.** Of dwarf growth, the stalks averaging 4 feet in height, each producing two or more ears measuring from 5 to 7 inches in length. When ready for use, the kernels are bright golden yellow, deliciously sweet, richly flavored, and remain tender for some time after ripening.  $\frac{1}{2}$  lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.25.

**GOLDEN CREAM.** A cross between Country Gentleman and Golden Bantam, and combines the excellent qualities of both. Lb. 35 cts.; 5 lbs. \$1.25.

**PEEP O'DAY.** One of the earliest. Very sweet and of delicate flavor. Grows about  $3\frac{1}{2}$  feet high. Lb. 35 cts.; 5 lbs. \$1.25.

**EARLY EVERGREEN.** The ears grow to a good size (usually about 7 inches long), and contain from 16 to 18 rows of deep, sweet grains. Lb. 35 cts.; 5 lbs. \$1.25.

**EARLY MAMMOTH.** An early selection of Late Mammoth; ears 8 to 9 inches long, 14-rowed; grain broad, deep, tender, and sugary. Lb. 35 cts.; 5 lbs. \$1.25.

**KENDEL'S EARLY GIANT.** A second-early variety, several days earlier than Crosby. Ears average 7 inches in length, with 10 or more rows of large grains of rich, sugary flavor. Lb. 35 cts.; 5 lbs. \$1.25.

**Howling Mob.** One of the finest second-early, large-eared sorts. The stalks are of strong, vigorous growth,  $4\frac{1}{2}$  to 5 feet in height, have abundant foliage, and generally produce two fine ears to a stalk. The ears measure 7 to 9 inches in length, with 12 to 14 rows of good-sized, pearly white grains. The ears are covered with a heavy husk which extends well out from the tip and affords good protection from the green worms which are so often destructive to early Sweet Corn. Lb. 35 cts.; 2 lbs. 60 cts.

**SQUANTUM, or POTTER'S EXCELSIOR.** Its sweetness and delicious flavor afford it a place with the best varieties. Lb. 35 cts.; 5 lbs. \$1.25.

**CROSBY'S EARLY.** A favorite second-early variety. Lb. 35 cts.; 5 lbs. \$1.25.

**BLACK MEXICAN.** Grains deep bluish-purple, of delicious quality; medium early. Lb. 35 cts.; 5 lbs. \$1.25.

**\*Stowell's Evergreen.** Recognized everywhere as the standard variety for market and home use. Remains longer in green state than any other sort. Very large ears, with deep grains and remarkably sweet.  $\frac{1}{2}$  lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.25.

**\*Country Gentleman.** One of the sweetest and also one of the most productive sorts. Ripens about same time as Stowell's Evergreen.  $\frac{1}{2}$  lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.25.

**LATE MAMMOTH.** A large-eared variety, maturing after Stowell's. Lb. 35 cts.; 5 lbs. \$1.25.

### POP-CORN

Pop-Corn is frequently planted in the garden as a curiosity and to interest and please the children, but we would caution gardening friends against planting Pop-Corn near Sweet Corn, as they cross quite readily, and to the detriment of both types. Pop-Corn ears should be allowed to become thoroughly ripened on the stalk before they are gathered. The grain must be thoroughly dry before it can be popped, that is, grains a year old will pop more satisfactorily than those which are freshly gathered.

**QUEEN'S GOLDEN.** Pops perfectly white, and a single kernel will expand to a diameter of nearly 1 inch. Lb. 15 cts.; 3 lbs. for 40 cts.

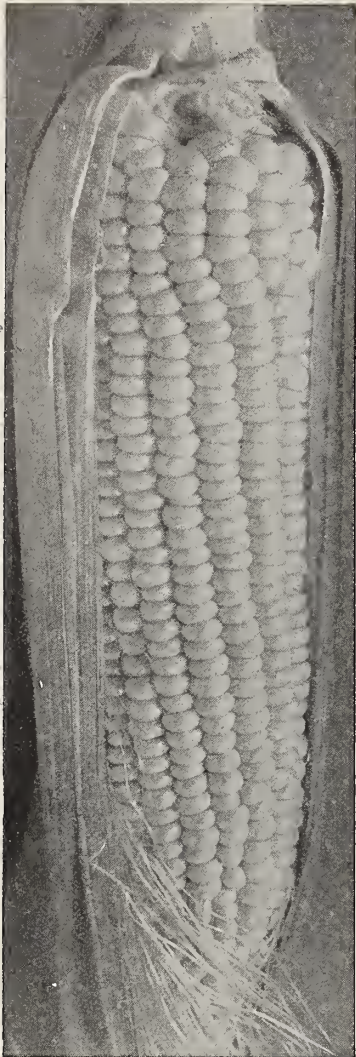
**WHITE RICE.** The most popular white variety of excellent popping qualities. Lb. 15 cts.; 3 lbs. for 40 cts.

### HORSE-RADISH ROOTS (READY IN MARCH)

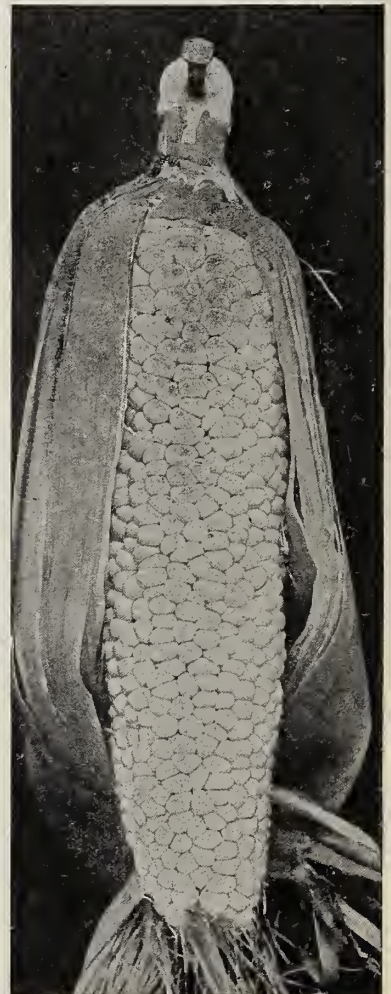
Set the roots, small ends down, in rows  $2\frac{1}{2}$  feet apart,  $1\frac{1}{2}$  feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, place them in a cool cellar, covered with soil or sand; grate as wanted.

**MALINER KREN.** A quick-growing variety and far superior to the common sorts. Large cuttings, 35 cts. per doz.; \$1.75 per 100; \$15 per 1,000.

**How to Pick Sweet Corn.** To have the finest Sweet Corn, it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture, and plantings should be made frequently enough always to have a supply at this stage. The quality will be inferior if it is either a few days too old or too young.



Evergreen Corn



Country Gentleman Corn



# CUCUMBER

## SELECT SEED

Sow the seeds early in the season in a hotbed, using small sods (grass side down) or flower pots, placing a few seeds in each. When all danger of frost is past, transplant into hills, which should be 4 feet apart and 1½ feet in diameter. For general crop, a sowing may be made in the open ground in May in rich, mellow soil, well manured, using eight to ten seeds to each hill, and when danger of insects is past, thin out to four plants to each hill. For pickles, sow from the middle of June to first week in July. Pick all fruit when of proper size.

*One ounce of seed will sow 50 hills; 2 pounds for an acre*

**Arlington White Spine.** The Cucumbers average 7 to 8 inches in length, straight, and of a rich dark green color. Flesh white, crisp, and solid, with comparatively few seeds. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. \$1.50.

**DAVIS' PERFECT.** An excellent variety for outdoor and forcing purposes. The long, even fruits are of fine form, with an intensely dark, rich green skin, very few seeds, and solid white flesh of superb quality for slicing. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. \$1.50.

**EARLY GREEN PROLIFIC, or BOSTON PICKLING.** Fruit short, smooth, symmetrical, and bright green; very productive, making a good pickle; a little shorter and thicker than most pickling sorts. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. \$1.50.

**EARLY FORTUNE.** One of the very early varieties, producing an abundance of fruit of medium size and very high quality. A good variety for early table use. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. \$1.50.

**FORDHOOK FAMOUS.** Largest of the White Spine family; fruit long, thick and tapering to both ends, crisp and solid. A fine slicing sort. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. \$1.50.

**KLONDIKE.** A medium early Cucumber of very dark green color and excellent slicing qualities. Vines are very hardy and productive. Fruits are 8 inches in length. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. \$1.50.



Cucumber, Long Green

**Long Green** (Jersey Pickle). A well-known standard variety about 1 foot in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best of any for sweet pickles. Vines vigorous and very productive. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. \$1.50.

**WEST INDIA GHERKIN.** A small prickly variety, used for pickles only. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 85 cts.

**JAPANESE CLIMBING.** Can be grown on a trellis; very prolific and of good quality. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

## ENGLISH FORCING CUCUMBER

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The fruits are long, smooth, and handsome, frequently growing 20 to 30 inches long.

**Lockie's Perfection, Telegraph, Tender and True.** Each, pkt. of 10 seeds, 25 cts.; \$2 per 100 seeds.



New York Improved Purple Eggplant

## EGGPLANT

Sow seeds in a box or pot in greenhouse or hotbed, in February and March. When about 3 inches high, plant singly into small pots and set plants out in the open ground about May 20, 2 feet apart in row and 3 feet between rows. Eggplants are very tender and will not stand frost.

**NEW YORK IMPROVED PURPLE.** Large, round, deep purple fruit, often weighing from ten to twelve pounds, of excellent quality, and free from spines. The plants grow vigorously and produce from four to five well-developed fruits. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

**Improved Black Beauty.** Fully as large as New York Improved Purple, and about a week earlier. Fruit is of a deep black-purple color, of finest quality. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

**EARLY LONG PURPLE.** One of the earliest, most hardy, and productive sorts; fruits 6 to 8 inches long, rich purple, and fine quality. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

## ENDIVE

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or in June or July for late use. When the plants are 2 to 3 inches high, thin them out or transplant into moderately rich and rather light soil, 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched by tying the leaves loosely together, which must be done when quite dry, or by covering with boards or flower pots.

*One ounce will sow 100 feet of row*

**WHITE CURLED.** Very tender and white. Blanching easily. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

**BROAD-LEAVED BATAVIAN.** Long, broad leaves; very fine for salads. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

**GIANT FRINGED.** A vigorous grower, with handsome, broad fringed leaves and a white heart. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

**GREEN CURLED.** The hardiest of all, with curled dark green leaves; tender and crisp. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

## KALE, or BORECOLE

The Kales are highly esteemed for winter greens. They are extremely hardy, and are improved in flavor after frost. For fall use, sow in May, transplant in June, and treat in the same manner as cabbages. For early spring use, sow in August and September and protect during winter.

**Dwarf Green Curled Scotch.** The leaves are bright green, tender, and beautifully curled. One of the best grown. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.

**TALL CURLED GREEN SCOTCH.** Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.

## KOHLRABI

*One ounce of seed will sow 100 feet of drill*

Sow in May or June, in rows 1½ feet apart, and thin out to stand 8 inches apart in row. The bulbs, when about half grown, are boiled and served like turnips.

**EARLY WHITE VIENNA.** The best for early and main crop; flesh white. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 85 cts.

**EARLY PURPLE VIENNA.** Bluish purple outside; flesh white. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 85 cts.



Dwarf Green Curled Scotch Kale



## LETTUCE

Seed for the first outdoor crop is usually sown in hotbeds in February or March, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 1½ feet apart. For a succession until frost, sow in drills in the open ground at intervals of two or three weeks, and thin the plants to stand 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall.

*One ounce of seed should produce about 2,500 plants*

### CABBAGE or HEADING VARIETIES

**Allheart.** One of the best for spring or summer use; large heads, decided buttery flavor. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**Big Boston.** This is a fine forcing variety for cold-frames during the winter months, as it produces heads of very large size, and succeeds better in a cooler temperature than most forcing strains. It heads well also in the open ground during cool weather of spring and fall. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**Big Boston (Improved).** By far the most heat-resisting sort of this type. The plants are of a uniformly darker shade of green, grow more compactly and stand several days longer before running to seed than other strains of Big Boston. Pkt. 10 cts.; oz. 50 cts.; ¼lb. \$1.50.

**BLACK-SEEDED TENNIS BALL.** Very desirable for hotbed culture in winter and for withstanding heat in summer. A light green cabbage sort, forming hard heads. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

Big Boston Lettuce

**CALIFORNIA CREAM BUTTER** (Royal Summer Cabbage). One of the best summer varieties; forms fine, large, solid heads of excellent quality. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**DEACON.** Plants make firm heads, nearly as large and almost as solid as a cabbage. The heads are of delicious rich buttery flavor. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**Early Dutch Butter, Spotted.** Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**ICEBERG.** A summer variety, producing solid heads of fine quality; outer leaves are curled. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**May King.** This handsome, extremely early, compact-heading Lettuce is very fine for forcing use. Heads medium-sized and of excellent quality. Outer leaves light yellowish green, tinged with reddish brown when mature. Hearts blanch to a rich golden yellow, tender and buttery. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**MIGNONETTE.** Small, compact heads; leaves slightly curled; edges tinted brown. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**New York, or Wonderful.** This is a leader among the cabbage-headed sorts. The color is dark green, with white interior; the heads are large, with curled outer leaves. Popular kind for summer. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**Salamander.** A variety which stands the hot weather remarkably well. Salamander forms a large, compact, light green plant, the

broad, thick, somewhat crumpled and closely overlapping leaves blanching the inner ones to perfection. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**WAYHEAD.** The earliest and surest heading of all early Lettuce. The outer leaves are light green; heart is a rich buttery yellow of fine quality. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

### COS or ROMAINE LETTUCE

A distinct, upright-growing type of Lettuce. The long, narrow leaves need to be tied rather loosely together several days before they are cut for use.

**TRIANON COS, or ROMAINE.** A self-blanching Cos lettuce, very crisp and tender, and of excellent flavor. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

### CURLED or CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking.

**GRAND RAPIDS.** Produces crisp, tender green leaves, richly curled. Superb for forcing or outdoor culture. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

**BLACK-SEEDED SIMPSON.** One of the best of the loose-leaved varieties. Withstands heat and drought. Finely fringed leaves. Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25.

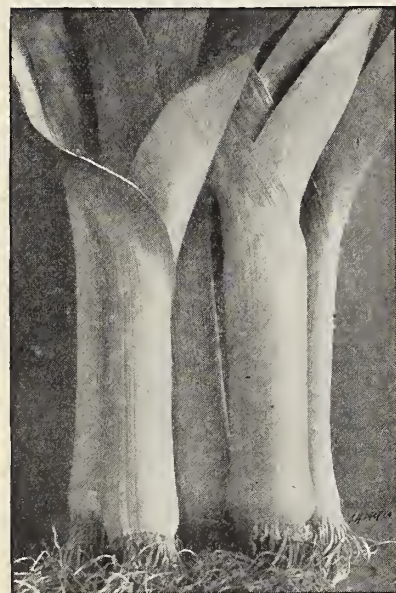
## LEEK

Sow very early in the spring, in drills 6 inches apart; thin out to 2 inches apart in the row. When about 7 inches high, transplant them in rows 1 foot apart, and 6 inches in the rows, as deep as possible, but do not cover the young center leaves. Draw earth up to them as they grow.

**GIANT CARENTAN.** The favorite market variety. Large thick stem; mild flavor. Pkt. 10 cts.; ½oz. 15 cts.; oz. 25 cts.; ¼lb. 75 cts.

**Prizetaker.** (Imported seed.) A favorite variety in England. Of immense size, thick, pure white stems, and green, narrow, erect leaves; mild and very tender. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.

**SELECTED MUSSELBURGH.** (Imported seed.) A splendid selection of this well-known and popular variety; grows to large size, and is recommended for exhibition. Pkt. 15 cts.; ½oz. 30 cts.; oz. 50 cts.



Prizetaker Leek

INOCULATE BEANS AND PEAS  
WITH MULFORD CULTURES



## MUSKMELON

Melons do best in a light or sandy soil, but with a little labor in preparing hills they can be grown in almost any warm, sunny location. Make hills 5 feet apart each way, putting two or three shovelfuls of well-rotted manure in each hill; pack it down tight, cover it with 3 inches of fine loose soil, making hills 1 foot in diameter. When the weather is quite warm, scatter ten to fifteen seeds thinly over the surface of the freshly made hills and cover with  $\frac{1}{2}$  inch of fine soil. When the young plants are well established, thin out to the best three plants.

*One ounce will plant about 50 hills; 2 to 3 pounds for an acre*

**Emerald Gem.** A splendid early variety, coming in just ahead of Rocky Ford; flesh very thick, of a deep, rich salmon color. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**ROCKY FORD, or GOLDEN GEM.** Oval-shaped; thick-meated; flesh light green in color, and uniformly fine; luscious flavor; skin ribbed and thickly netted. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**BURRELL'S GEM.** Flesh reddish orange, thick, fine-grained; deliciously rich and spicy in flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**TIP-TOP.** The most productive melon known; good for early or late, having a sweet, juicy, fine flavor. The fruit is of large size, nearly round, evenly ribbed, and moderately netted. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**HOODOO.** Delicious, and grows to a convenient size. Flesh thick and firm; deep salmon or orange. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**NETTED ROCK.** Remarkable for its resistance to both rust and blight; heavily netted; thick, green flesh, and of delightful flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.



Rocky Ford Muskmelon

**Gold-lined Rocky Ford.** Flesh green; uniform in shape, and remarkably sweet. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**Honey Dew.** The fruit is of large size, weighing eight to ten pounds each, and the rind is perfectly smooth and cream-colored. Flesh from  $1\frac{1}{2}$  to 2 inches thick, light green in color, very sweet and juicy. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 60 cts.

**EARLY JENNY LIND.** The earliest of all varieties, and also the smallest, but possessing a rich and delightful flavor and fragrance. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**EXTRA-EARLY HACKENSACK.** Early; almost globular fruit, which is heavily ribbed, netted; thick light-green flesh of fine flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**MONTREAL MARKET.** Skin dark green; heavily netted; flesh light green, of delicious flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

### ENGLISH FORCING MELONS

These can be grown successfully in hotbeds. Sow seeds in pots in March and transplant to hotbed when three leaves have developed. Fruits ripen in June and July. **Blenheim Orange, Golden Perfection, Royal Jubilee, Triumph, Windsor Castle.** Each, pkt. 25 cts.

## WATERMELON

*One ounce will plant about 30 hills;  
4 to 5 pounds for an acre*

Cultivate same as muskmelons, except that the hills should be 8 feet apart.

**Tom Watson.** A large, long melon with dark green rind and light crimson flesh of excellent quality. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**FORDHOOK EARLY.** Extra early; large, nearly round; skin tough; flesh red and very sweet. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**ALABAMA SWEET.** A large and attractive melon, oblong in shape. Color dark green; flesh remarkably firm and of luscious flavor. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**Dixie.** The fruits are large, oblong in form, from 20 inches to 2 feet in length; skin dark green with stripes of lighter shade; bright red flesh of excellent quality. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**HALBERT HONEY.** A variety somewhat similar to Kleckley Sweets—of much darker color. The vines are very prolific and usually bear four and five very uniform melons—quality the highest. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**BLUE GEM, or ICEBERG.** One of the most popular market and shipping varieties. It keeps well, seldom cracks or splits in transit, and produces melons of a uniform size. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**COLORADO PRESERVING CITRON.** Excellent for making preserves. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

## MUSHROOM SPAWN

**WATERER'S PURE "SPORE" CULTURE SPAWN.** The most desirable and satisfactory form of Mushroom Spawn. Made in bottles that have been sterilized, as well as all material used. The pure Spawn is wrapped in paper with full directions how to grow Mushrooms, packed in cartons. One carton equals five bricks of ordinary spawn. Prices: One carton, \$1; 12 cartons, \$10.75.

**PURE CULTURE SPAWN.** The spawn which has held the market for so many years and has given universal satisfaction. Per brick, 35 cts.; 5 bricks, \$1.50; 10 bricks, \$2.75; 25 bricks, \$6.50; 50 bricks, \$12.50.

**MUSHROOM or HOTBED THERMOMETERS.** Heavy Brass Point style, \$2.75 each.

## MUSTARD

*One ounce will sow  
about 75 feet of drill*

A small, pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter. Successive sowings may be made every week or two.

**WHITE.** Leaves used for salads or greens when young. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 35 cts.

**CHINESE.** Leaves about twice the size of White, and of sweetly pungent flavor. Pkt. 10c.



Honey Dew Melon



Mushrooms



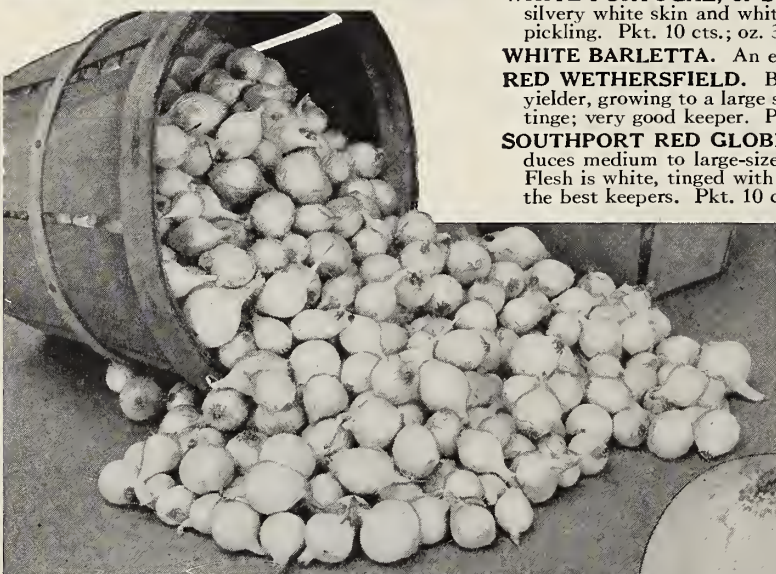
## CHOICE ONION SEED AND SETS

Sow in rich soil, in drills 1 foot apart, as soon as the ground can be worked in the spring; thin out to 2 to 3 inches apart in the row, carefully keeping down the weeds. The finest Onions are produced by sowing the seed in a hotbed in February or March, and transplanting the seedlings to the open ground, 3 to 4 inches apart, in April. For sets, sow the seeds as early as possible in the spring, very thickly, in drills; as soon as the tops die off in summer, remove them to a dry, airy place and early in the following spring replant by placing the sets in shallow drills, 1 foot apart, and 2 inches apart in the drills.

*One ounce will sow 100 feet of drill; 5 to 6 pounds for an acre*



Onion, Yellow Globe Danvers



White Onion Sets

### ONION SETS

Plant in rows 1 foot apart, with sets 2 inches apart in the row.

*One pound will plant about 50 feet of row*

**WHITE.** Lb. 30 cts.;  
10 lbs. \$2.50.

**YELLOW.** Lb. 25 cts.;  
10 lbs. \$2.

**RED.** Lb. 30 cts.;  
10 lbs. \$2.50.

All prices subject to  
market changes

**Ailsa Craig.** (Selected stock.) The largest and heaviest cropping Onion, and a splendid keeper. Unrivalled in perfection of form, size, and weight; mild in flavor; outside skin of light straw color. It is a favorite variety for exhibition purposes. Pkt. 15 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.50; lb. \$4.50.

**Prizetaker.** Grows uniform in shape and is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh two pounds each. Its pure white flesh is fine-grained, mild, and delicate in flavor. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$3.50.

**Southport Yellow Globe.** It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The outer skin is pale yellow; flesh white and mild in flavor. Quite productive, very hardy, and keeps a long time in good condition after pulling. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$3.25.

**Yellow Globe Danvers.** Of more globular shape than the preceding, producing well-rounded bulbs about  $2\frac{1}{2}$  inches in diameter; skin light golden yellow; flesh white, crisp and mild in flavor. One of the best known Onions, and one of the best for general crop. An excellent keeper. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1; lb. \$3.25.

**YELLOW STRASBURG.** Similar to the Yellow Danvers, but bulbs rather more flattened and skin darker. The Onions ripen early, with pure white flesh of mild flavor. It is one of the best to grow for sets, and is a splendid keeper. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.

**AUSTRALIAN BROWN.** Early and very hardy variety. The skin is thick and the color is a rich brown; flesh white and of a mild flavor. Is especially noted as a long keeper, lasting well into spring, much longer than other varieties. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50.

**Southport White Globe.** An enormous yielder and superb keeper. Perfect globe-shaped, very large; clear white skin. Considered one of the handsomest varieties grown. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.25.

**WHITE PORTUGAL, or SILVERSKIN.** Largely grown for sets. Bulbs large, with silvery white skin and white flesh; mild-flavored, and excellent for family use and for pickling. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.50.

**WHITE BARLETTA.** An excellent pickling variety. Pkt. 10c.; oz. 50c.;  $\frac{1}{4}$  lb. \$1.50.

**RED WETHERSFIELD.** Best known variety among the red flat Onions. A heavy yielder, growing to a large size; shape flat; solid; glossy red skin; flesh white with pink tinge; very good keeper. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1; lb. \$3.25.

**SOUTHPORT RED GLOBE.** This excellent medium-early or main-crop Onion produces medium to large-sized, perfect globe-shaped bulbs of deep purplish red color. Flesh is white, tinged with light purple, fairly mild, fine-grained, and tender. One of the best keepers. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.



Southport White Globe Onions



OKRA, or GUMBO

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

**IMPROVED DWARF GREEN.** Very productive; bears large pods which remain tender a long time. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

**WHITE VELVET.** Pods large, very light green, smooth. An abundant bearer of superior quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

**PERKINS' LONG-POD.** Produces pods 4 to 5 inches long in great abundance. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. \$1.50.

PARSNIP

Sow as early in the spring as the weather will admit in drills 1½ feet apart and ½ inch deep, in a rich deep soil; thin out 4 inches apart in the rows. In the late fall, before the ground freezes, remove enough roots for winter use to the root cellar and pack in sand. The remaining Parsnips can be left in the ground through the winter for use in the early spring.

One ounce will sow 100 feet of drill; 5 to 6 pounds for an acre

**Large Sugar, or Hollow-Crown.** The roots are smooth, uniform in shape, tapering evenly from a heavy shoulder down to a small root, tender and of best quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. \$1.50.



Hollow-Crown Parsnips

PARSLEY

Because of its pleasant flavor, the leaves of Parsley are used extensively as a garnish with other vegetables, either in cooked dishes or salads. Parsley seed germinates very slowly. For outdoor growing, soak the seed in warm water for a few hours. Sow thickly, in rows 1 foot apart and ½ inch deep, pressing down well after sowing. When well up, thin to 3 to 4 inches apart.

**Waterer's Triple Curled.** Dwarf; dark green; densely curled. The finest Parsley for garnishing. Pkt. 10 cts.; oz. 35 cts.; ¼lb. \$1.

**CHAMPION MOSS CURLED.** The leaves are not so heavy in appearance as our Triple Curled, but are also very finely curled, and excellent for garnishing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. \$1.25.

**TURNIP-ROOTED, or HAMBURG.** The fleshy root is used for flavoring soups, stews, etc. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 45 cts.; lb. \$1.25.



Chinese Giant Pepper

PEPPER

Sow in hotbeds in March or April, and, when the season is favorable, transplant in rows 2 feet apart and 1½ feet apart in row, in rich good ground.

**PIMENTO.** A very popular variety used extensively for salads. It is thick-meated, of mild flavor, brilliant red in flesh, and very productive. Pkt. 10c.; ½oz. 25c.; oz. 45c.

**NEAPOLITAN.** The earliest of all large mild red Peppers; skin and flesh bright red. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

**Large Bell, or Bullnose.** Large, early variety; mild flavor; thick and fleshy. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

**Chinese Giant.** The largest mild red Pepper. The flesh is quite thick, very mild, and remarkably sweet. Pkt. 10c.; ½oz. 35c.; oz. 65c.

**RUBY GIANT.** A variety which is of a very desirable size and shape for stuffing. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

**RUBY KING.** A popular, large-fruited variety; very thick flesh of fine, mild flavor. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

**LONG RED CAYENNE.** The pods are long and slender, bright red, and very pungent. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

**RED CHILI.** Red, conical pods, about 2 inches long; very hot and prolific. Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.

**CELESTIAL.** Creamy white to scarlet; ornamental and prolific. Pkt. 10 cts.; ½oz. 35 cts.; oz. 65 cts.

PUMPKIN

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill.

**Sugar, or New England Pie.** A fine pie Pumpkin. Small, but very sweet; fine-grained, and of the best quality. The skin is

deep orange, and flesh rich yellow. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

**Winter Luxury.** Golden yellow, finely netted; shape round; flesh very rich. Unequaled as a winter keeper, and one of the best for pies. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. \$2.

**GOLDEN OBLONG.** Very hardy and productive. Pumpkins 15 to 20 inches in length and 8 to 10 inches in diameter. Flesh is light golden yellow, of very rich, fine quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

**WHITE CUSHAW.** A white crookneck variety of excellent quality. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. \$2.

**LARGE CHEESE.** Flat. One of the best for family use. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

**BIG TOM, or IMPROVED LARGE FIELD.** Very productive; grown largely for feeding stock. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

**KING OF THE MAMMOTHS.** Grows to an enormous size. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. \$2.25.

RHUBARB

Rhubarb succeeds best in deep, rich loam. The richer its condition, and the deeper it is stirred, the better, as it is scarcely possible to cultivate too deeply or to manure too highly. It is propagated by seeds, or by division of the roots—the latter being the usual method. Sow the seed in drills 1½ feet apart, and thin out the plants to 6 inches apart in the drills. When the plants are one year old, transplant into beds, setting the plants 4 feet apart each way. Do not cut until the second year and give a liberal dressing of manure every fall.

**EXCELSIOR, or VICTORIA IMPROVED.** Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

**RHUBARB ROOTS.** \$1.50 per doz.; \$10 per 100.



Sugar Pumpkin



INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

# GARDEN PEAS

One pound will plant about  
50 feet of drill



Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled Peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—until June 1—then discontinue until August 1, when the extra-early varieties may be planted for a fall crop. When grown in gardens, sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush.

## EARLY VARIETIES

**EARLY EIGHT WEEKS.** As the name indicates, this is one of the very earliest sorts. The vine is very dwarf, growing only 12 to 15 inches in height and is very uniform. The pods, while not large, are well filled with Peas of good quality. This is exceptionally fine variety for the small kitchen-garden. Lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

**EXTRA-EARLY BLUE BANTAM.** The dwarf, vigorous vines average 15 inches in height and carry really enormous crops of large, deep bluish green pods, and Peas of **most luscious flavor**. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**\*Gradus, or Prosperity.** An extra-early, large-podded wrinkled Pea. The pods resemble Telephone in size and shape, and are well filled with large Peas of delicious flavor. 2½ ft. ½lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**THOMAS LAXTON.** A strong grower and as productive as the well-known Gradus. The pods are of a dark green color, filled with large Peas of superb flavor. 2½ ft. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**NOTT'S EXCELSIOR.** This excellent dwarf wrinkled extra-early Pea is robust and vigorous and produces in profusion handsome pods, closely packed with large Peas of fine flavor; 15 inches. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**\*Maud S.** One of the best of the early sorts. Vines are vigorous and produce an abundance of pods, well filled with Peas of superior quality. 2 feet. ½lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**EARLIEST OF ALL, or ALASKA.** A valuable, early, round Pea, producing a large number of dark green pods, well filled and of excellent flavor. 2 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**LAXTONIAN.** "The Dwarf Gradus." One of the earliest and finest dwarf Peas. The vines are well covered with large even-sized pods, and each pod contains 8 to 9 Peas of the richest flavor. 1½ feet. Lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

**\*Little Marvel.** A most desirable dwarf early variety. In season this new sort ripens fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. 15 inches. ½lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**PETER PAN.** One of the very finest of the large podded dwarf Peas; 15 inches. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**SUTTON'S EXCELSIOR.** A dwarf early Pea, growing about 1½ feet high. Pods large and well filled with deliciously flavored Peas. Ready for picking with Nott's Excelsior. Lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.25.

**EUREKA EXTRA EARLY.** 2 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**DANDY EXTRA EARLY.** 2 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**FRENCH CANNER** (Petit Pois, or Small French Pea). Very prolific, with long, slim pods, well filled with extremely small Peas, which should be used when very young. 3 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

## SECOND-EARLY VARIETIES

**\*ABUNDANCE.** Long, round, well-filled pods; six to eight large wrinkled Peas of fine quality. 1½ feet. ½lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**SHROPSHIRE HERO.** A robust grower, producing abundantly, long, handsome well filled pods; excellent flavor. 2½ feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

## LATE, or MAIN-CROP VARIETIES

**Alderman.** A large-podded, late, wrinkled variety of vigorous growth; very productive; pods 4 to 5 inches long, well filled with large Peas of excellent flavor. 3½ to 4 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**IMPROVED STRATAGEM.** A dwarf, wrinkled marrow Pea of finest quality; heavy cropper, with large, well-filled pods. 2 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**TELEPHONE.** A tall and very robust grower, bearing pods of unusual length, closely filled with Peas of large size and of most delicious flavor. 4 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**DUKE OF ALBANY.** One of the largest of all Peas; immense pods; enormously productive. 4 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**\*Dwarf Champion** A dwarf form of the popular Champion of England, with large pods; very productive. finest quality. 2½ feet. ½lb. 20 cts.; lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**\*Quite Content.** This is the largest-podded Pea in existence. It is exceedingly prolific, and the pods, 5 to 6½ inches in length, hang mostly in pairs, and are closely filled with large sweet Peas. One of the very best of the main-crop varieties. 5 feet. Pkt. 15 cts.; ½lb. 35 cts.; lb. 65 cts.; 2 lbs. \$1.25.

**CARTER'S DAISY, or DWARF TELEPHONE.** Pods large, well filled, often containing ten Peas of the largest size. 2 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

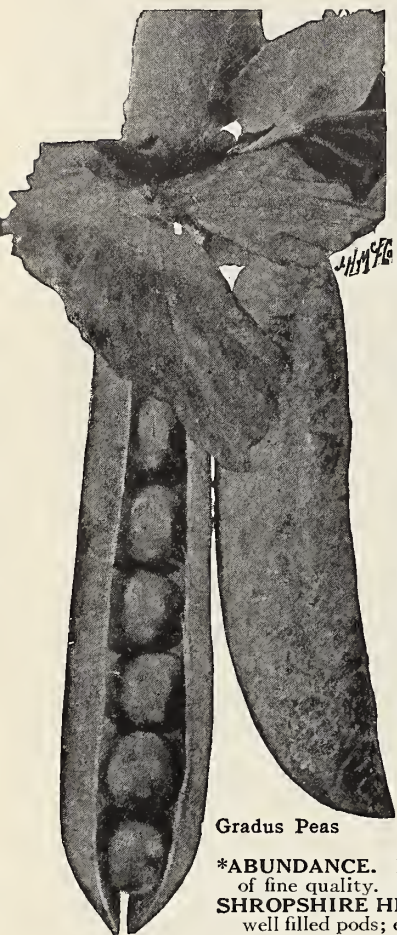
**CHAMPION OF ENGLAND.** A well-known standard variety; fine flavored and an abundant cropper. 5 feet. Lb. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**\*DWARF DEFIANCE** (Potlatch). A splendid large-podded variety of the Stratagem type. Pods 5 inches long, containing eight to ten very large, medium light green Peas of high quality. A superb, productive main-crop sort. 2 feet. ½lb. 25 cts.; lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.25.

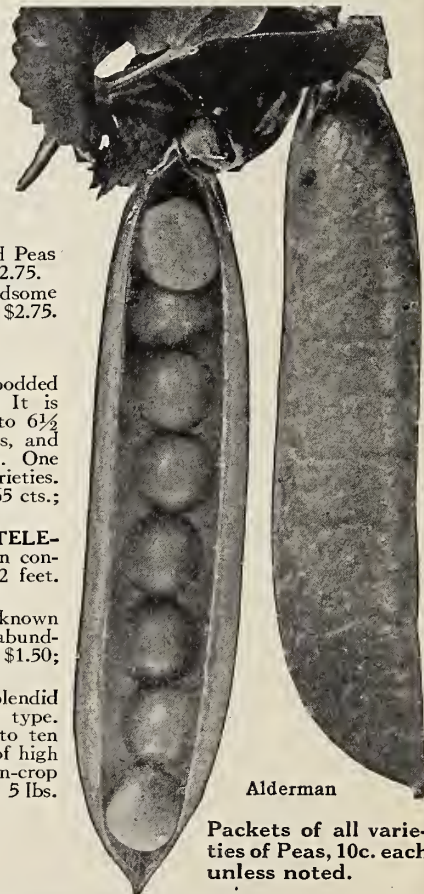
## SUGAR or EDIBLE-PODDED PEAS

**MELTING SUGAR, or EDIBLE POD.** Lb. 45 cts.; 5 lbs. \$2.  
**DWARF GRAY-SEEDED SUGAR.** 2½ feet. Lb. 35 cts.; 5 lbs. \$1.50.

PLEASE NOTE: Only varieties of Peas marked \* can be supplied in ½lb. packages



Gradus Peas



Alderman

Packets of all varieties of Peas, 10c. each unless noted.



## CHOICE SEED POTATOES

By planting our northern-grown Seed Potatoes you are assured of early maturity, increased yield, and a vigorous growth. Plant in early spring, in rows 3 feet apart, 15 to 18 inches apart in row. Cultivate constantly and thoroughly, finally ridging the loose soil against the rows. A second or late spring planting is often made. Store in frostproof cellar in winter. Our Potatoes are all specially raised for seed purposes, true to name, and are exceptionally fine in quality.

*One peck will plant 100 hills; 10 to 12 bushels for an acre*

Prices for Potatoes on application

**EARLY SIX-WEEKS.** This is one of the earliest Potatoes grown, and a good yielder on first-class land. It is of the Ohio class and resembles that variety very closely.

**IRISH COBBLER.** The most popular and largely planted early Potato. Round, pure white, extra early and of the best quality. Grows uniformly large, there being fewer small Potatoes than in any other early kind. There are a great many Potatoes being sold for Irish Cobbler that are not that variety at all, or are badly mixed with other kinds. We have some very fine seed of the genuine Irish Cobbler.

**BOVEE.** One of the earliest and most productive varieties; handsome, oval form; flesh white; skin pink; quality unsurpassed.

**EARLY ROSE.** The popular standard early variety; uniform in size and very productive.

**EARLY OHIO.** Round, oblong, smooth tubers; very early, of fine quality.

**BEAUTY OF HEBRON.** A popular early sort and one of the best; red and white skin and pure white flesh.

**MAGGIE MURPHY.** Medium early; very large; immense yielder.

**NEW SCOTCH ROSE.** Medium early and very prolific.

**RUSSET.** It is an exceptionally heavy yielder, of the very best table quality, and with smooth, velvety, russet skin and shallow eyes. No Potato can surpass it in uniform and handsome appearance. It is very fine-grained, cooks as white as flour, and is of splendid flavor; an excellent keeper and retains its good eating qualities until late in the spring. Its great productiveness, handsome color, and resistance to diseases make it a very popular Potato.

**STATE OF MAINE.** A large, oval, and slightly flattened pure white variety; medium early; very productive; good flavor; cooks dry; a good keeper. One of the very best varieties for fall and winter use.

**RURAL NEW YORKER NO. 2.** A very vigorous grower and a valuable variety of large size, very smooth, a great cropper and of excellent quality. Tubers solid, making it a splendid keeper.



Irish  
Cobbler  
Potatoes

**CARMAN NO. 3.** Extra large, oblong, slightly flat; white. Vines are extra-good growers and yield an immense quantity of tubers of uniform size. One of the best late varieties; of excellent quality; good keeper.

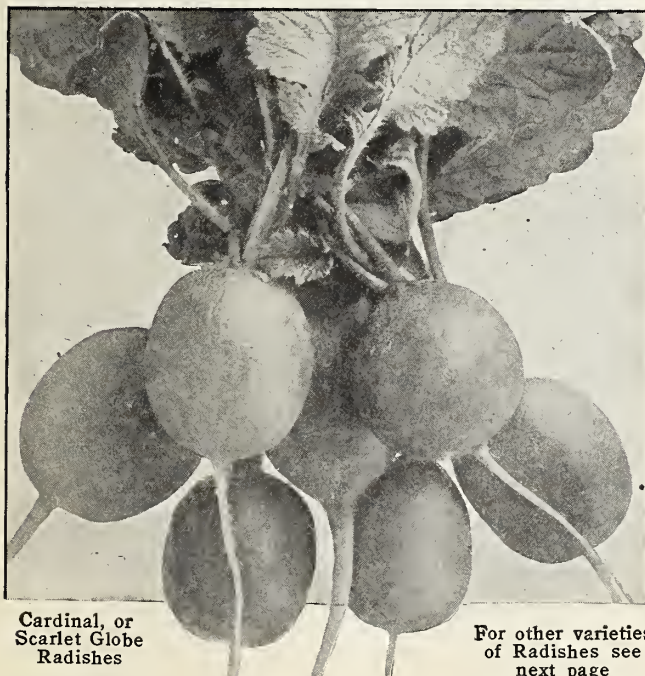
**GOLD COIN.** A splendid main-crop variety of remarkable productiveness and finest table quality.

There is a wonderful difference between the crops obtained from high-grade Seed Potatoes free from disease, and from common Potatoes used for seed. The increase from the use of good seed is often over 100 bushels per acre. The cost for seed may be \$8 to \$10 per acre more, but that is nothing compared with the greater value of the crop.

## RADISHES

For early use, seed should be sown in the hotbed, in drills, 3 to 4 inches apart, and  $\frac{1}{2}$  inch deep; for open ground, sow as early as weather conditions permit. Winter Radishes should be sown in July and August, as they make their best growth in autumn.

*One ounce will sow 100 feet of drill; 10 pounds to the acre*



Cardinal, or  
Scarlet Globe  
Radishes

For other varieties  
of Radishes see  
next page

**Cardinal, or Scarlet Globe.** An excellent variety for forcing or outdoor culture; brilliant scarlet; fine globe-shape, with small top; very crisp and tender. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**NON PLUS ULTRA, or FIREBALL.** One of the earliest and best of the early red turnip varieties. Very short-leaved; small top; skin rich scarlet; flesh white and of good quality. It grows rapidly and is well adapted to forcing and also suitable for growing outdoors. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**EARLY SCARLET TURNIP.** A valuable variety for forcing or outdoor culture. Is a small, turnip-shaped variety, and in color entirely crimson. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**Scarlet Turnip White-tipped.** A favorite with market gardeners for outdoor planting, also for home garden; matures very early; turnip-shaped; scarlet with distinct white tip; fine quality; crisp and tender. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

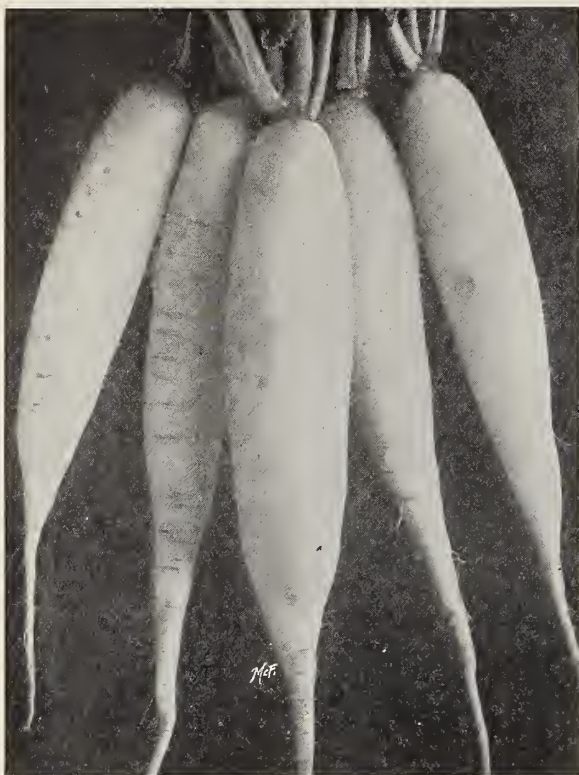
**CRIMSON GIANT.** For forcing or outdoor planting. Although twice the size of other forcing sorts, this does not get pithy or hollow. The skin is crimson; flesh is white, tender, crisp, and sweet-flavored. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**PHILADELPHIA WHITE BOX.** Popular in the vicinity of Philadelphia, and used more than any other sort. It matures early; root round, slightly flattened; white; top medium. It is grown both under sash and outdoors. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**EARLIEST WHITE, or WHITE ROCKET.** Earliest of all Radishes. Matures in eighteen to twenty days after sowing. Oval shape; small root and top; flesh white, tender, and crisp. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.

**Long White Icicle.** This is the most beautiful of the early long white varieties; of a pearly white color; fine for either forcing or outdoor culture; of slender form. One of the best for private gardens; tender, crisp, and of delicate flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50. See illus. page 16.





Icicle Radishes

## SPINACH

Sow early in spring, in drills a foot apart, every two weeks for a succession; for fall use sow in August; and for winter crop, in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold.

*One ounce will sow 100 feet of drill; 10 to 12 pounds for an acre in drills*

**Bloomsdale Savoy-leaved.** The hardest variety and the best for early spring and fall sowing. Curled and crimped, thick, fleshy leaves. Oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 5 lbs. \$3.25.

**KING OF DENMARK.** A very fine new Spinach which stands a week or two longer before shooting to seed than any other sort. The plants are large and vigorous, with thick, crimped, dark green leaves. Oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1; 5 lbs. \$4.25.

**Victoria.** Leaves of fine texture, deepest green color, heavily crimped, thick, fleshy, good quality. The plants remain in good condition for a long time. Oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. 85c.

**LONG-STANDING.** One of the best to withstand hot weather. The leaves are large, round, thick, curled, and of dark green color. Oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 5 lbs. \$3.25.



White Bush Scalloped Squash

## RADISHES, continued

**FRENCH BREAKFAST.** Of quick growth; very mild and tender; of an oval form; scarlet; tipped with white. One of the best real early sorts for home garden. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.25.

**LONG SCARLET SHORT TOP.** The roots grow 5 to 6 inches long, straight, smooth and of a bright rich scarlet color; the flesh is crisp and tender. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.25.

**IMPROVED CHARTIER.** One of the most distinct varieties; scarlet at top, shaded to pink at center, and white at tip. They will keep crisp, tender, and retain a mild and pleasant flavor for a long time. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

**CHINA ROSE, or SCARLET CHINA.** One of the most popular fall and winter sorts. Roots about 6 inches long; skin smooth and of a bright rose color; flesh very firm and crisp. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

**WHITE CHINESE, or CELESTIAL.** The finest of all extra-large white winter Radishes; the flesh is always crisp, mild, and juicy. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

**LONG BLACK WINTER.** One of the hardiest and best for winter use. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

**ROUND BLACK WINTER.** Similar to Long Black Winter, except in shape. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

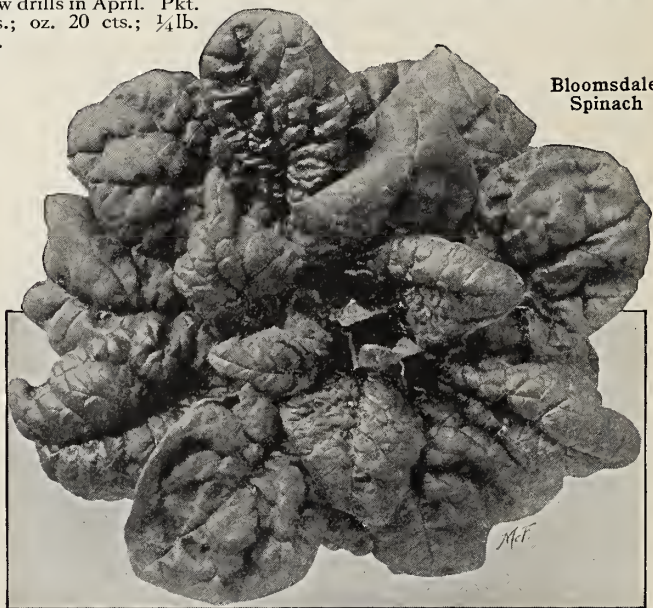
## SALSIFY, or VEGETABLE OYSTER

Sow early in the spring, in drills 15 inches apart, 1 inch deep; thin to 3 to 4 inches in rows.

**Mammoth Sandwich Island.** This is the largest and most profitable Salsify now in cultivation. Pkt. 10c.;  $\frac{1}{2}$  oz. 25 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25; lb. \$3.50.

## SORREL

Sorrel is used as greens like spinach. Mixed with spinach, it adds a delicious flavor to it. Also extensively used in French cookery. Sow in shallow drills in April. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.



Bloomsdale Spinach

**LONG SEASON.** An excellent second-early variety, with thick, dark green crimped leaves. Oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.; 5 lbs. \$3.25.

**PRICKLY, or FALL.** An exceedingly hardy variety, adapted for fall sowing. Oz. 15 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**NEW ZEALAND.** Entirely different from the true Spinach in type in that it thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in a hill, 2 feet apart each way. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.

## SQUASH

*One ounce will plant 25 hills;  
4 to 6 pounds for an acre*

Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, and the running kinds 6 to 8 feet apart.

## EARLY VARIETIES

**Mammoth White Bush** (White Patty-Pan). Of round, scalloped form, with an ivory-white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.

**MAMMOTH YELLOW BUSH, or GOLDEN CUSTARD.** This is identical with the Mammoth White Bush, but the fruits are larger and have a rich, golden orange skin, as well as rich, creamy yellow flesh. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

For other varieties of Squash see next page



## EARLY SQUASH, continued

**MAMMOTH BUSH SUMMER CROOKNECK.** Early and of extra-fine quality; orange-yellow in color. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**COCOZELLE, or ITALIAN VEGETABLE MARROW.** The fruits are oblong, 1 foot or more in length, and 4 to 5 inches in diameter; skin dark green, marbled with yellow and with lighter green stripes. The flesh is fine-grained, tender, and of excellent flavor. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.

**VEGETABLE MARROW (Bush).** A delicious English sort. Skin creamy white; flesh white, soft, and of rich flavor. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

**VEGETABLE MARROW (Trailing).** The English Squash. Cream color, with white flesh. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

## FALL AND WINTER VARIETIES

**DELICIOUS.** A fall and winter Squash of medium size, top-shape in form, and dark green; flesh orange, very dry and delicious. Usually weighs between five and ten pounds. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**Hubbard.** The standard winter Squash. It is of good size, often weighing 9 to 15 pounds. Flesh fine-grained, sweet, of excellent flavor, rich orange-yellow. Has a very hard shell and will keep until spring. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.

**GOLDEN HUBBARD.** A deep orange-yellow; fine-grained and sweet. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 65 cts.; lb. \$2.



Hubbard Squash

## TOMATOES

Sow thinly about the first week in March in a hotbed, greenhouse, or window, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. After all danger of frost is past they may be transferred to the open ground. Set them deeply, 4 feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill. If the vines are trained on trellis, the fruit will be finer and larger.

**BONNY BEST.** Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are of bright scarlet color, always smooth, and of remarkably uniform size and shape. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

**CHALK'S EARLY JEWEL.** Within a week to ten days as early as the famous Sparks' Earliana, it is even a heavier cropper, with Tomatoes of larger size. The large, handsome fruits are very solid, deep through, brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

**EARLY DETROIT.** A good, large, early purple sort. Fruits average  $3\frac{1}{4}$  inches in diameter, are thick through, and solid. A very prolific sort. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

**Sparks' Earliana.** One of the best and most popular extra-early sorts. The fruits are good size, red in color, quite smooth, and are produced in great profusion. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

**GLOBE.** Fruit globe-shaped, very early, large-sized, smooth, and firm-fleshed; very productive; in color, glossy rose, tinged with purple; quality excellent. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.; oz. 45 cts.

**JOHN BAER.** An extra-early variety. Fruits are large and very attractive, round in shape, smooth, firm, and of excellent quality. It ripens early and continues to bear fruit throughout the season. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

**JUNE PINK.** Ripens as early as Sparks' Earliana and ten days to two weeks earlier than Chalk's Early Jewel. It is an enormous bearer, clusters of six to ten fruits being borne at the crown and at the forks of the branches. The fruit is of medium size, uniform, smooth, and attractively shaped. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.; oz. 40 cts.

**FAVORITE.** The fruit ripens evenly, is always smooth, free from cracks, and holds its size to the end of the season. Flesh is of good flavor, very solid, with few seeds. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.; oz. 40 cts.

**MATCHLESS.** One of the finest, smoothest main-crop Tomatoes in cultivation. Of rich cardinal-red color, with solid flesh of finest quality. Grows to good size, which it maintains throughout the season. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.

**The Stone.** The largest, bright red, perfectly smooth, highest-yielding, best-keeping, finest-flavored, main-crop variety. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.25.

**DWARF STONE.** The plants are of dwarf, sturdy growth and very productive; fruit bright red, similar in appearance to the Stone. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 20 cts.; oz. 35 cts.

**PONDEROSA.** The fruits are very solid, almost seedless, of good subacid flavor and of immense size, frequently weighing considerably more than two pounds. Good Tomato for home use; splendid slicer. Pkt. 15 cts.;  $\frac{1}{2}$  oz. 35 cts.; oz. 60 cts.

**GOLDEN QUEEN.** "Queen of all the Yellows." Its superior flavor has brought it into general favor as a table fruit. Pkt. 10 cts.;  $\frac{1}{2}$  oz. 30 cts.; oz. 50 cts.

## FORCING TOMATOES

The following varieties are excellent for growing under glass during winter as well as for outdoor culture.

**AILSA CRAIG.** A very heavy cropper of perfect-shaped fruit; excellent flavor. A free setter. Pkt. 25 cts.

**BIDE'S RECRUIT.** A very prolific English Tomato. Fruit of medium size, bright red in color, and of excellent quality. Pkt. 25 cts.

**CARTER'S SUNRISE.** A heavy cropper, free setter, and bears fine, medium-sized fruits of excellent quality and flavor. Pkt. 25 cts.

**COMET.** This is a very popular sort for growing indoors or out, with a medium-sized fruit, almost round, and of a rich scarlet color. Pkt. 15 cts.

**FILLBASKET.** A most healthy and vigorous cropper of well-formed, medium-sized fruit; excellent for forcing. Pkt. 25 cts.

## SMALL-FRUITED TOMATOES

Largely used for making fancy pickles, preserves, etc.

**Plum-shaped Red, Plum-shaped Yellow, Pear-shaped Red, Pear-shaped Yellow, Red Cherry.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.; oz. 60 cts.



Stone Tomato





Purple-Top Strap-Leaf Turnip

## TURNIP

For early use, sow as soon as ground opens in spring, in drills  $1\frac{1}{2}$  feet apart; thin out to 4 to 6 inches in the rows. For succession, continue to sow every two weeks until May 15; for fall and winter crop, sow in July and August.

**Purple-Top Strap-Leaf.** Most extensively used of the flat Turnips. White skin and flesh, with purplish top. Quite early and very sweet and tender. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.

**EARLY WHITE STRAP-LEAF.** A fine early variety for family use. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.

**Purple-Top White Globe.** A very handsome globe-shaped variety; valuable for table or stock. Oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.

**PERFECT MODEL.** The roots are beautiful in shape, pure white in color, and delicious in flavor. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.

**GOLDEN BALL.** This is the most popular of all the yellow garden varieties; shape perfectly globular; skin deep orange-yellow, and flesh of the finest quality. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.

**YELLOW GLOBE.** An excellent sort for early or late sowing; good cropper, fine keeper; excellent for table or stock. Oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.

**YELLOW ABERDEEN PURPLE-TOP.** A very hardy and productive variety of excellent quality; good for either table or stock. Oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.

## RUTABAGA, OR SWEDISH TURNIP

Rutabagas are principally grown for winter crop. The roots grow to an enormous size; flesh tender and sweet. In the latitude of Philadelphia, seed should be sown from the first to the middle of July to make large roots for winter keeping.

**IMPROVED PURPLE TOP.** (Special Strain.) Very hardy and productive; flesh yellow, solid, and sweet; excellent for table or stock. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 85 cts.



Dill

Thyme

Horehound

Anise

Lavandula

Sweet Marjoram

Fennel

## SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials, marked thus (\*) carefully in hotbeds early in the spring, and at the proper time transplant in permanent beds, in rows about  $1\frac{1}{2}$  feet apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open ground, early in the spring, in drills 12 to 15 inches apart, and thin out. For winter use, they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors.

All varieties, except where noted, 10 cts. per pkt.

**Anise.** Used for flavoring.

**Balm.\*** Made into Balm tea for fevers. Pkt. 20 cts.

**Basil, Sweet.** For soups and stews.

**Borage.** A pot-herb and for bees.

**Caraway.** Seeds are used in cakes, etc.

**Chives.\*** Used for garnishing.

**Coriander.** Seeds used in confectionery.

**Catnip or Catmint.\*** An excellent tonic for cats. Pkt. 20 cts.

**Dill.** Used for pickling. Oz. 20 cts.

**Fennel.\*** Used for pickling and sauces.

**Horehound.\*** Valuable for medicine.

**Lavender, True.\*** Used in perfume. Pkt. 15 cts.

**Marjoram, Sweet.\***

**Rosemary.\*** Aromatic; for seasoning. Pkt. 15 cts.

**Sage.\*** Used for flavoring.

**Savory, Summer.** For flavoring.

**Savory, Winter.\*** A hardy form.

**Thyme.\*** For sauces and dressings. Pkt. 15 cts.

**Wormwood.\*** Beneficial to poultry.

## VEGETABLE AND FLOWER PLANTS

For the convenience of those who prefer to use plants, and those who have been too late to start their gardens from seed, we offer the following list of strong, sturdy plants, ready for use at about the date indicated after each kind.

### VEGETABLES

	Doz.	100	1,000
<b>Artichoke, Green Globe.</b> .....	\$1 50	\$10 00	
<b>Cabbage.</b> Ready April 1.....		1 00	\$8 50
<b>Cauliflower.</b> Ready April 1.....	75	5 00	
<b>Celery.</b> Ready July.....		75	6 00
<b>Eggplant.</b> Ready May 15.....	1 00	7 00	
<b>Lettuce.</b> Ready April 1.....		75	6 00
<b>Parsley.</b> Ready April 1.....	1 00	7 00	
<b>Pepper.</b> Ready May 15.....	1 00	7 00	

	Doz.	100	1,000
<b>Sweet Potato.</b> Ready June 1.....		\$0 75	\$5 00
<b>Tomato.</b> Ready May 1.....	\$0 75	5 00	

### FLOWERS

	1 00	7 50
<b>Aster.</b> Ready May 1.....	1 00	7 50
<b>Cosmos.</b> Ready May 1.....	1 00	7 50
<b>Salvia.</b> Ready May 1.....	1 50	10 00
<b>Zinnias.</b> Ready May 10.....	1 50	10 00





## WATERER'S GRASS SEED MIXTURE FOR LAWNS AND PLEASURE GROUNDS

*EQUAL TO ANY — SUPERIOR TO MANY — SECOND TO NONE*

In the latitude of Philadelphia, the seed may usually be sown from March 20 to June 20 and from August 15 to October 15, preferably in the early spring or early fall to get the benefit of the rains. A quiet day should be chosen, so the seed can be sown evenly. It is best to make two sowings, the second at right angles to the first; this insures more even distribution. After sowing the seed it should be harrowed or raked in and then the ground should be rolled. One pound is sufficient for 200 square feet, 100 to 120 lbs. for an acre; or for renovating old lawns, about half that quantity.

If Grass Seed is wanted by parcel post, please add for postage at your zone rate. See page 2 of cover

**WATERER'S CITY AND SUBURBAN MIXTURE.** (With White Clover.) This splendid grass and clover mixture is specially prepared for city and suburban grass plots, and for sowing around bungalows, where fast results and a beautiful green turf are required. Lb. 60 cts.; 5 lbs. \$2.50; 10 lbs. \$4.50; 25 lbs. or more, 40 cts. per lb.

**WATERER'S SPECIAL EVERGREEN LAWN MIXTURE.** This mixture is composed of a combination, in proper proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring until late in the fall, and the ingredients are the highest grade of re-cleaned seeds only. Lb. 50 cts.; 5 lbs. \$2.25; 10 lbs. or more, 40 cts. per lb.

**WATERER'S POPULAR EVERGREEN LAWN MIXTURE.** In this mixture the quantities of some of the more expensive grasses are reduced or left out. Produces a thick turf, well adapted to hard usage. Lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. or more, 32½ cts. per lb.

**WATERER'S MIXTURE FOR SHADY PLACES.** A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive. Lb. 50 cts.; 5 lbs. \$2.25; 10 lbs. or more, 40 cts. per lb.

**Waterer's Permanent Pasture and Hay Mixture.** Far superior to any other mixture for producing permanent hay and pasture. A mixture of varieties which will form a permanent pasture that lasts for years. Composed chiefly of native and acclimated grasses, which have been found to be best. These are blended in their proper proportions to give the desired results. Sow on new land which has been plowed and harrowed, at the rate of 60 pounds per acre; on ground partly covered, about 30 pounds per acre. 5 lbs. \$1.50; 10 lbs. or more, 27½ cts. per lb.

**BONE MEAL.** One of the best all-round lawn fertilizers; continues to feed the grass for a year. Rich in nitrogen and phosphoric acid. Apply 800 lbs. per acre. 3 lbs. 25 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.40; 50 lbs. \$2.50; 100 lbs. \$4; 200 lbs. \$7.50; 1,000 lbs. \$32.50; 2,000 lbs. \$60.

**WATERER'S SEASHORE LAWN GRASS SEED.** A special mixture of grasses peculiarly suited for seaside lawns, composed of strong-rooted varieties which will quickly produce a good turf. Lb. 50 cts.; 5 lbs. \$2.25; 10 lbs. or more, 40 cts. per lb.

**WATERER'S PUTTING-GREEN MIXTURE.** A mixture of very fine-bladed varieties of grasses suitable for the production of a close, thick, fine turf. Lb. 80 cts.; 5 lbs. \$3.50; 10 lbs. \$6.50; 25 lbs. or more, 60 cts. per lb.

**WATERER'S TENNIS COURT MIXTURE.** A mixture of fine grasses for tennis courts, and which will make a firm, green and lasting turf. Lb. 50 cts.; 5 lbs. \$2.25; 10 lbs. or more, 40c. per lb.

**WATERER'S GOLF LINKS MIXTURE.** The grasses in this mixture will produce a rich green turf that will resist tramping and hard wear and will retain its color during the severest drought. Sow 100 pounds to the acre. Lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. or more, 32½ cts. per lb.

### White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 85 cts.; 5 lbs. \$4; 10 lbs. \$7.75; bus. (60 lbs.) \$45.



# Grass, Clover, and Farm Seeds

Owing to the variations in market value, the prices quoted below are subject to change without notice

## Fancy Recleaned Grass Seeds

- Canada Blue Grass** (*Poa compressa*). A suitable grass for hard, dry soils. Excellent for rooting on steep places. Sow 60 pounds to the acre. Lb. 50 cts.; 10 lbs. \$4.50; 100 lbs. \$40.
- Creeping Bent, True** (*Agrostis stolonifera*). Well adapted for most soils. Makes thick velvety putting-greens and is very fine-leaved. Sow 60 pounds to the acre. Lb. \$1.50; 10 lbs. \$12.50; 100 lbs. \$117.50.
- Chewing's New Zealand Fescue** (*Festuca*). Especially recommended for golf putting-greens and lawns; succeeds on all soils. Lb. 60 cts.; 10 lbs. \$5.50; 100 lbs. \$50.
- Crested Dog's-Tail** (*Cynosurus cristatus*). A hardy permanent grass for lawn and permanent pasture. Lb. 75 cts.; 10 lbs. \$6.75; 100 lbs. \$62.50.
- English Ryegrass** (*Lolium perenne*). Invaluable for permanent pastures, as it forms compact sward, remains bright and green throughout the season, and is a rapid grower. Sow 60 pounds to the acre. Lb. 30 cts.; 10 lbs. \$2.75; 100 lbs. \$25.
- Fine-leaved Sheep's Fescue** (*Festuca ovina tenuifolia*). The leaves are small, wire-like, very fine but tough and stiff. The color is beautiful dark green. Valuable for lawns subjected to hard wear, tees, and putting-greens. Lb. \$1.25; 10 lbs. \$11.50; 100 lbs. \$100.
- Hard Fescue** (*Festuca duriuscula*). A dwarf-growing, early, very hardy, robust grass, succeeding well in dry soils and fine for permanent pasture. Sow 30 pounds to the acre. Lb. 40 cts.; 10 lbs. \$3.50; 100 lbs. \$30.
- Italian Ryegrass** (*Lolium italicum*). Thrives on any good soil and is unequaled for producing feed early in the spring as well as throughout the season. Responds quickly to rich food and moisture and is a rapid grower. Sow 60 lbs. to the acre. Lb. 25 cts.; 10 lbs. \$2.25; 100 lbs. \$20.
- Kentucky Blue Grass** (*Poa pratensis*). This is suited to a variety of soils and is largely used as a pasture grass. It is unusually early, and presents a beautiful green appearance in early spring when other grasses are still dormant; revives with first rainfall after a long drought. Sow 60 pounds to the acre. Lb. 60 cts.; 10 lbs. \$5.50; 100 lbs. \$50.
- Meadow Fescue** (*Festuca pratensis*). One of the finest grasses for permanent pastures, highly nutritious and relished by stock. Succeeds well in all soils but best on moist land. Robust in habit and grows over a long season. Sow 50 to 70 pounds to the acre. Lb. 30 cts.; 10 lbs. \$2.75; 100 lbs. \$25.
- Orchard Grass** (*Dactylis glomerata*). A deep-rooted, very nutritious grass; does well in shady places and is of great value for hay and permanent pasture. Lb. 45 cts.; 10 lbs. \$4; 100 lbs. \$35.
- Red or Creeping Fescue** (*Festuca rubra*). Fine for lawns. Resists drought; valuable for seeding embankments and exposed locations, as it binds the soil. Forms a very close, durable turf; much used on putting-greens. Lb. 60 cts.; 10 lbs. \$5.50; 100 lbs. \$50.
- Red-Top, Fancy Recleaned** (*Agrostis vulgaris*). An excellent grass for lawns and pastures. We offer only fancy, recleaned seed, entirely free from chaff. Lb. 40 cts.; 10 lbs. \$3.50; 100 lbs. \$30.

- Sheep's Fescue** (*Festuca ovina*). Short and dense in growth; excellent for lawns. Lb. 40 cts.; 10 lbs. \$3.50; 100 lbs. \$30.
- Sweet Vernal, True Perennial** (*Antioxanthum odoratum*). Valuable for lawns and pasture. Emits a very fragrant odor when cut. Lb. \$1.50; 10 lbs. \$13.50.
- Timothy** (*Phleum pratense*) **XXX** fancy, recleaned. Either alone or with red-top and clover, it furnishes the best and most nutritive hay. Lb. 20 cts.; 10 lbs. \$1.50; 100 lbs. \$12.50.
- Wood Meadowgrass** (*Poa nemoralis*). Grows well in shade. Lb. \$1.50; 10 lbs. \$13.50.

## Clover Seed

- Alfalfa, Northern-Grown** (*Medicago sativa*). Yields enormous crops of hay for many years. On good soils, three to four cuttings per season can be made. Sow 20 to 30 pounds per acre. Lb. 45 cts.; 10 lbs. \$4; 100 lbs. \$35.
- Grimm Alfalfa**. Greatly improved; very vigorous, and the hardest Alfalfa known. Yields heavy crops. Lb. 75 cts.; 10 lbs. \$7; 100 lbs. \$65.
- Alsike**. A very hardy Clover; on rich, moist soils it yields enormous crops. Lb. 40 cts.; 10 lbs. \$3.75; 100 lbs. \$32.50.
- Medium Red** (*Trifolium pratense*). The common red Clover, largely grown throughout the country. Pure clean seed of highest quality and germination. Lb. 50 cts.; 10 lbs. \$4.50; 100 lbs. \$42.
- Sweet Bokhara** (*Melilotus alba*). Grown for bee-food and a fertilizer. Sow 20 pounds to the acre. Lb. 40 cts.
- Crimson or Scarlet** (*Trifolium incarnatum*). An annual Clover of quick growth; very nutritious and rich in protein. Splendid as a cover-crop and for green-manuring, adding humus and nitrogen to the soil. Lb. 30 cts.; 10 lbs. \$2.50; 100 lbs. \$20.
- White** (*Trifolium repens*). A low-growing Clover used in mixtures for permanent pasture and for lawns. Lb. 85 cts.; 5 lbs. \$4; 10 lbs. \$7.75; 100 lbs. \$75.




Field of Grimm Alfalfa

## Miscellaneous Farm Seeds

- BARLEY**  
**Beardless.** Remarkably productive, free from beard. Use 75 to 100 pounds per acre. (Bus. 40 lbs.) Price on application.
- BUCKWHEAT**  
**Japanese.** More generally grown than any other. Sow 50 pounds per acre. (Bus. 48 lbs.) Price on application.
- CORN**  
**Field.** Plant 8 to 10 quarts per acre, in hills for shelled Corn or for silo, or sow  $1\frac{1}{2}$  to 2 bushels broadcast for fodder, early in May. Price on application.
- MILLET**  
**Golden.** Considerably larger than Hungarian and yields a much heavier crop but is later. Sow broadcast, 50 pounds per acre. (Bus. 50 lbs.) Price on application.  
**Hungarian.** Sown during summer, is invaluable for making up for a shortage in the hay crop. Sow 50 pounds to the acre. (Bus. 50 lbs.) Price on application.
- PEAS**  
**Canada White Field.** For plowing under as a green manure. Sow 120 pounds to the acre. (Bus. 60 lbs.) Price on application.  
**Cowpeas, Black Eye.** Grown for forage and green manure. Sow 120 pounds to the acre. (Bus. 60 lbs.) Price on application.
- OATS**  
**Welcome.** One of the best all-round Oats. Sow 100 pounds to the acre. (Bus. 32 lbs.) Price on application.
- RAPE**  
**Dwarf Essex.** Sow from April to end of August in drills, 5 pounds to the acre; broadcast, 10 pounds to acre. Valuable for hog or chicken feed. (Bus. 50 lbs.) Lb. 15 cts.; 100 lbs. \$12.50.
- RYE**  
**Spring.** This variety is excellent for a spring crop. (Bus. 56 lbs.) Price on application.  
**Winter.** Used only for fall planting. Sow 70 to 90 pounds to the acre. (Bus. 56 lbs.) Price on application.
- SOJA BEANS**  
**Early Yellow.** The best for green fodder, ensilage, or plowing under. (Bus. 60 lbs.) Price on application.
- VETCHES**  
**Winter, Hairy, or Sand.** Used as a cover crop. Sow from August 15 to October 1, using 60 pounds to the acre. (Bus. 60 lbs.) Price on application.  
**Spring.** (Bus. 60 lbs.) Price on application.
- WHEAT**  
**Spring.** Standard varieties. Sow 90 pounds to the acre. (Bus. 60 lbs.) Price on application.








# Waterer's Choice Flower Seeds

Our Flower Seeds are all procured from the best sources in America and Europe, and are of the very Highest Quality

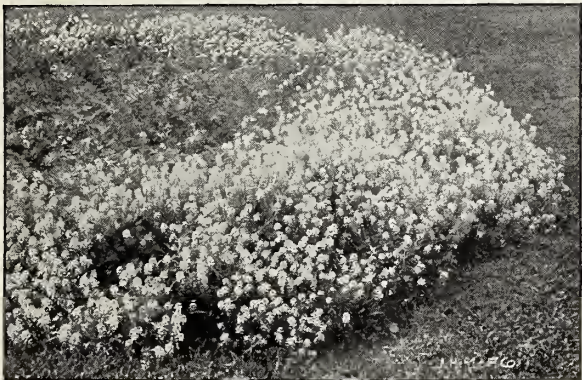


**ABUTILON · Flowering Maple**  
Perpetual flowering greenhouse shrubs of easiest cultivation, and invaluable for summer bedding or conservatory decoration. Seeds sown in March produce flowering plants the first season. 3 to 4 feet.  
**Extra Choice Mixed.** Saved from a splendid collection, the colors include shades of White, Yellow, Pink, and Crimson. . . \$0 25

**ACHILLEA**  
**Ptarmica, The Pearl** (Double White Yarrow). One of the best hardy perennials. Bears a profusion of small, double white flowers during the entire season. Fine for cutting. 2½ feet. . . . . 25

**ACONITUM**  
**Napellus** (Monkshood). Blue. Hardy perennial plant, with showy panicles of helmet-shaped flowers; does well in shady places or under trees. 4 feet. . . . . 10

**ACROCLINIUM**  
Very pretty annual, producing white and rose-colored daisy-like flowers. These are the "Immortelles," so desirable for winter bouquets. 1 foot. . . . . Pkt. 10  
**Double Mixed** . . . . . \$0 10  
**Single Mixed** . . . . . 10



Sweet Alyssum

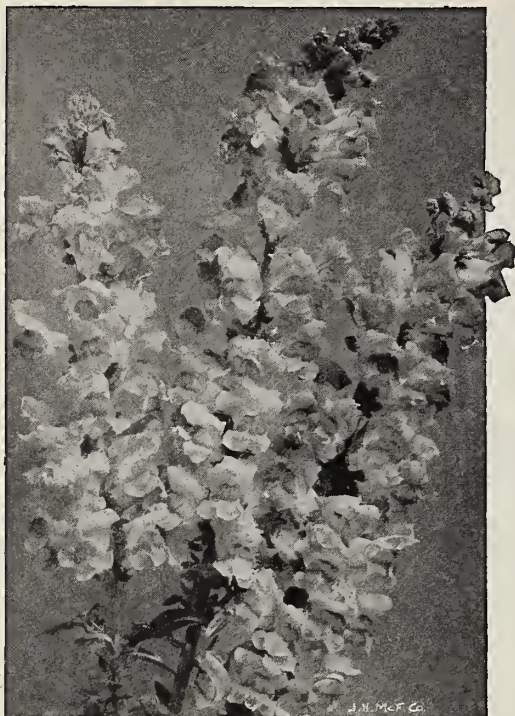
**AGERATUM · Floss Flower**  
A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. Sow the seed early in the spring, either in boxes to transplant, or outdoors, and thin to 4 or 6 inches. . . . . Pkt.  
**Blue Perfection.** Deep blue. 1 foot. . . . . \$0 10  
**Little Dorrit.** A perfect mass of blue flowers. 6 inches. . . . . 10  
**Little Blue Star.** A very dwarf variety, densely covered with small, light blue flowers. . . . . 25  
**Imperial Dwarf Blue.** 8 inches. . . . . 10  
**Imperial Dwarf White.** 8 inches. . . . . 10

**AGROSTEMMA**  
**Coronaria** (Rose of Heaven; Mullein Pink). Hardy perennial, with silvery white leaves and red flowers, borne on long slender stems; fine for cutting. 2 feet. . . . . ¼ oz. 25 cts. . . . . 10  
**Coronaria alba.** A pure white variety. . . . . 10

**ALYSSUM**  
A fragrant, hardy annual, bearing spikes of small, white flowers in great profusion throughout the summer and autumn. Useful for borders or early bedding flowers.  
**Little Dorrit.** This variety forms a perfect little bush with miniature white rocket flowers. A perfect gem for borders or beds. . . . . Pkt. ¼ oz. \$0 10 \$0 35  
**Little Gem.** Pure white; grows only 4 inches high, and flowers profusely. . . . . oz. 75 cts. . . . . 10 25  
**Sweet Alyssum** (*A. maritimum*). Of trailing habit; flowers white. . . . . oz. 30 cts. . . . . 10  
**Lilac Queen.** A distinct, new annual variety with pure lilac-colored flowers. The plants are of dwarf compact growth. . . . . 10 35  
**Saxatile compactum.** A pretty Alyssum for rock-gardens and for borders in perennial beds. The plants are 9 inches in height, spread freely, and produce masses of bright yellow flowers in early spring. . . . . 10 35

**AMARANTHUS**  
Hardy annuals, grown especially for their brilliant foliage.  
**Caudatus** (Love-lies-bleeding). Light yellowish green foliage; long, drooping, crimson flower-spikes. 3 to 4 feet. . . . . Pkt. \$0 10  
**Cruentus** (Prince's Feather). Tall spikes of feathery red flowers. 3 feet. . . . . 10  
**Tricolor** (Joseph's Coat). Plant 3 feet high, with brilliant leaves variegated red, yellow, green, etc. . . . . 10  
**Tricolor splendens.** Of more brilliant coloring than the preceding sort. . . . . 10





Antirrhinum (Snapdragon)

## ANCHUSA

- Capensis** (Cape Forget-me-not). A very pretty annual, blooming all summer. Large, forget-me-not-like flowers of purest blue, on slender stems with small foliage. Very attractive in beds and fine for cutting. 18 inches. Pkt. 1/4 oz. \$0 10 \$0 25
- Italica, Dropmore.** A lovely blue perennial, sometimes called the "Summer Forget-me-not." It blooms during May and June, and the large forget-me-not-like flowers of deep gentian-blue are produced in loose clusters on long spikes. 4 feet. Pkt. 15 50

## ANEMONE • Windflower

- Very pleasing hardy plants for the herbaceous border. Fine large flowers. Excellent for bouquets and table decoration. Pkt.
- Coronaria.** Mixed colors. Pkt. \$0 10
- St. Brigid.** A beautiful selection, comprising semi-double and double flowers. Pkt. 15

## ANTHEMIS • Hardy Marguerite

- Tinctoria Kelwayi.** A handsome, hardy perennial, bearing daisy-like bright yellow flowers all summer; excellent for cutting. 2 feet. Pkt. 10

GIANT-FLOWERED ANTIRRHINUM  
Snapdragon

This old favorite is one of the most beautiful and useful border plants of our gardens. Its large, graceful flowers are borne on long stems and in the greatest diversity of colors. The spikes of flowers are most brilliant and showy and very valuable for cutting. 3 feet.

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| Pkt. Large pkt.                    | Pkt. Large pkt.                   |
| <b>Giant Garnet.</b> \$0 10 \$0 30 | <b>Giant White.</b> \$0 10 \$0 30 |
| <b>Giant Pink.</b> 10 30           | <b>Giant Yellow.</b> 10 30        |
| <b>Giant Rose.</b> 10 30           | <b>Giant Mixed.</b> 10 30         |
| <b>Giant Scarlet.</b> 10 30        |                                   |
- Feltham Beauty.** Deep rose-pink, white center; very large flower. Pkt. \$0 35
- Pink Beauty.** Enormous deep rose-pink blossoms. Pkt. 35
- Silver Pink.** Original pkt. \$1.25.
- Harmony.** A rich terra-cotta-orange, shaded with rose and merging into golden yellow at the center. Pkt. 35
- Peach Blow.** The individual flower is unique in its coloring, having a central band of rich golden yellow which merges above and below into a delicate tint like the flush on the cheek of a well-ripened peach. Pkt. 35
- Philadelphia Pink.** Rich, glowing pink, approaching that of the Ward carnation. A most useful color at all times. Beautiful under artificial light. Pkt. 1 25

COLLECTION: Six separate colors, 50 cts.

## ANTIRRHINUM. Half-Dwarf Varieties

These grow about 20 inches in height and produce spikes of flowers of the largest size. Pkt. Large pkt.

- |  |        |        |
|--|--------|--------|
| <b>Daphne.</b> Soft blush-pink.  | \$0 10 | \$0 30 |
| <b>Defiance.</b> Orange-red.   | 10     | 30     |
| <b>Firebrand.</b> Bright scarlet.  | 10     | 30     |
| <b>Golden Queen.</b> Rich yellow.  | 10     | 30     |
| <b>Mont Blanc.</b> Pure white.   | 10     | 30     |
| <b>Rose Queen.</b> Rich rose.  | 10     | 30     |
| <b>The Fawn.</b> Rosy fawn color, with white tube and yellow lips; face beautifully blended; a fine bright, new shade. | 25     |        |

COLLECTION: One pkt. each of 6 varieties, 50 cts.

Mixed. All colors. Pkt. 10 cts.; 1/4 oz. 35 cts.

## ARABIS • Rock Cress

- Alpina.** Early spring-flowering perennial plants especially adapted for edging and rockery. They form a dense carpet completely covered with pure white blossoms in May. 6 inches. Pkt. 1/4 oz. 35 cts. \$0 10

## ARCTOTIS • African Daisy

- Grandis.** A remarkably handsome annual which forms bushes 2 to 3 feet high. Its flowers are large and showy, being pure white on the upper surface, embellished with a narrow yellow zone at their base; the reverse of petals is pale lilac-blue. Pkt. 1/4 oz. 35 cts. 10

## AQUILEGIA • Columbine

A hardy perennial of great beauty. The long-spurred type gives elegant cut-flowers. If sown in summer, plants will be ready by autumn for transplanting to the border to flower next May and June. Pkt. Large pkt.

- Long-spurred Hybrids.** This strain includes shades of blue, mauve, lavender, pink, scarlet, orange, yellow, and white, of the large-flowered and long-spurred forms. Pkt. \$0 10 \$0 60
- Cærulea.** One of the finest varieties. Pale blue and white flowers. 2 feet. Pkt. 10 60
- Chrysantha.** Golden yellow. 2 feet. Pkt. 10 60
- Californica hybrida.** Large yellow flowers; dark orange spurs. Pkt. 10 60
- Glandulosa vera.** Large, erect, blue flowers; pure white corolla. Elegant for pot culture. 2 feet. Pkt. 25
- Rose Queen.** Deep rose. Pkt. 15 75
- Skinneri.** Large scarlet and yellow flowers; long spurs. Pkt. 15 75
- Double Mixed.** Pkt. 10 25
- Single Mixed.** Pkt. 10 25

## ARGEMONE • Mexican or Prickly Poppy

- Hybrida grandiflora.** Sturdy bushes about 3 feet high, with very ornamental, pale green, spiny foliage, with clear silvery midrib and veins. The poppy-like flowers are of satiny texture, over 3 inches across, and come in various shades from rich yellow to creamy white. It starts blooming early in July and continues without interruption until November. They should have a sunny location, and it is best to sow the seed where they are intended to bloom as soon as the ground is warm, preferably in light soil. A very pretty and ornamental plant in or out of bloom. Pkt. 1/4 oz. 30 cts. \$0 10

## ARTEMISIA

- Sacrorum viride** (Summer Fir). A new ornamental foliage plant from China; with pyramidal bushes 3 to 5 feet high. May be grown in groups and borders; also pretty as a pot plant. Foliage fine and of a rich dark green. Plants cultivated in the open ground may be successfully planted in pots without any interruption of their growth. Large pkt. 30 cts. 15

## ASPARAGUS

- Plumosus nanus.** An excellent plant for house or conservatory decoration or cutting, on account of its graceful, finely cut foliage; will remain fresh a long time after being cut. Pkt. 100 seeds, \$1. 25
- Sprengeri.** One of the best plants to grow in hanging-baskets or window-boxes for the greenhouse in winter or for outdoors in summer. Pkt. 100 seeds, 50 cts. 10

## ASPERULA

- Azurea** (A. setosa). A splendid annual, growing about 9 inches high and covered throughout the summer with light lavender-blue, fragrant flowers; excellent for cutting. Pkt. 10



## WATERER'S SUPERB ASTERS

Our Asters are of the most improved and finest types. They bloom profusely during August and September, are fine for cutting, and very showy in beds.



Branching Asters

### GIANT LATE BRANCHING ASTERS

One of the finest Asters grown. It has size, vigor, fine stems, and beauty of form to recommend it, and, while not so early as many of the other varieties, it stands at the head of the list, both for the home garden and as a florist's flower.

	Pkt.	Large pkt.	Oz.
Azure-Blue.....	\$0 10	\$0 50	\$2 25
Lavender.....	10	50	2 25
Purple.....	10	50	2 25
Rose-Pink.....	10	50	2 25
Shell-Pink.....	10	50	2 25
White.....	10	50	2 25
Finest Mixed.....	10	50	1 75

COLLECTION: One pkt. each of above 6 colors, 50 cts.

### ROYAL ASTERS

One of the best early-flowering sorts. It is quite similar, in type of flower, to the Late Branching, but will come into bloom only about a week later than Queen of the Market. Very desirable for beds or borders and an excellent variety for cutting.

	Pkt.	Large pkt.		Pkt.	Large pkt.
Lavender.....	\$0 10	\$0 60	Shell-Pink.....	\$0 10	\$0 60
Purple.....	10	60	White.....	10	60
Rose.....	10	60	Mixed.....	10	50

COLLECTION: One pkt. each of above 5 colors, 40 cts.

### AMERICAN BEAUTY ASTERS

This beautiful variety is, beyond doubt, one of the grandest sorts in cultivation. It is of the Late Branching type, growing from 2 to 2½ feet high. The flowers are large and full, with incurved petals measuring from 4 to 5 inches in diameter, and are borne on stems from 15 to 20 inches long.

	Pkt.	Large pkt.		Pkt.	Large pkt.
Shell-Pink.....	\$0 15	\$0 75	Purple.....	\$0 15	\$0 75
Deep Rose.....	15	75	Mixed.....	15	75
Lavender.....	15	75			

COLLECTION: One pkt. each of above 4 colors, 50 cts.

### QUEEN OF THE MARKET ASTERS

About two to three weeks earlier than most other Asters, they bloom profusely and are of graceful habit. The perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting.

	Pkt.	Large pkt.		Pkt.	Large pkt.
White.....	\$0 10	\$0 40	Lavender.....	\$0 10	\$0 40
Pink.....	10	40	Purple.....	10	40
Rose.....	10	40	Finest Mixed....	10	35

COLLECTION: One pkt. each of above 5 colors, 40 cts.

### ASTERMUM ASTERS

Elegantly formed flowers, with long petals curiously entwined and intermixed, forming a shaggy mass resembling the finer types of Japanese chrysanthemums; long stems.

	Pkt.	Large pkt.		Pkt.	Large pkt.
White.....	\$0 15	\$0 50	Lavender.....	\$0 15	\$0 50
Rose-Pink.....	15	50	Mixed.....	15	50

### GIANT COMET ASTERS

An ideal class for cut-flowers, being not only most profuse bloomers, but each individual flower is borne on a stiff stem and resembles an exquisitely curled and twisted Japanese chrysanthemum. 2 feet.

	Pkt.	Large pkt.		Pkt.	Large pkt.
White.....	\$0 10	\$0 50	Lavender.....	\$0 10	\$0 50
Shell-Pink.....	10	50	Purple.....	10	50
Rose.....	10	50	Finest Mixed....	10	50

COLLECTION: One pkt. each of above 5 colors, 40 cts.

### KING ASTERS

A beautiful and distinct type of Branching Asters, with long stems and flowers of largest size. The blooms are round and full; the petals, folded lengthwise, almost needle-shaped, give the flower a bold and striking appearance.

	Pkt.	Large pkt.		Pkt.	Large pkt.
White.....	\$0 15	\$0 50	Violet.....	\$0 15	\$0 50
Shell-Pink.....	15	50	Lavender.....	15	50
Rose.....	15	50	Finest Mixed....	15	50

COLLECTION: One pkt. each of above 5 colors, 65 cts.

Other varieties of Asters on page 24



King Asters



**SENSATION ASTER**

This is the darkest red of all Asters. The plant averages about 1½ feet high and is of the true branching type. Stems are long and stiff, making it ideal for cutting. The flower is very double and averages about 3 inches in diameter. On account of the deep, velvety red color of Sensation, it is exceptionally fine for either bedding or border. Pkt. 15 cts.; large, pkt. 50 cts.

**IMPROVED VICTORIA ASTERS**

We recommend this type especially for bedding. The flowers are of large size, very double, and remain in bloom a long time. 1½ feet.

	Pkt.	Large pkt.		Pkt.	Large pkt.
White	\$0 10	\$0 50	Light Blue	\$0 10	\$0 50
Salmon-Pink	10	50	Dark Blue	10	50
Shell-Pink	10	50	Finest Mixed	10	50

COLLECTION: One pkt. each of above 5 colors, 40 cts.

**HEART OF FRANCE ASTER**

The best pure red Aster ever introduced. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full. The plants are very robust, of Branching type, and the stems are long and strong, with very few laterals. They begin to bloom quite early in the season and open fully with the midseason varieties. They retain their brilliancy and luster for a longer period than almost any other color. Pkt. 25 cts.; large pkt. 60 cts.

**OSTRICH FEATHER ASTERS**

Extremely graceful Aster, with large feathery heads, similar to the Comet, but with longer and more wavy petals. 1½ feet.

	Pkt.	Large pkt.		Pkt.	Large pkt.
White	\$0 10	\$0 50	Purple	\$0 10	\$0 50
Rose	10	50	Salmon-Pink	10	50
Crimson	10	50	Finest Mixed	10	40
Lavender	10	50			

COLLECTION: One pkt. each of above 6 colors, 50 cts.

**HARDY PERENNIAL ASTERS****Michaelmas Daisies**

Single-flowering, hardy herbaceous plants, thriving in any good garden soil.

Large-flowered, Mixed. Pkt. 10 cts.; large pkt. 40 cts.

**BALSAM · Lady Slipper****Double Camellia-flowered**

A rapid-growing annual that anyone can be successful with. Very desirable for garden or pot culture. Set 15 inches apart in rich soil.



Double-flowered Balsam

Light Yellow. Pkt. 10 cts.; large pkt. 30 cts.

Pure Scarlet. Pkt. 10 cts.; large pkt. 30 cts.

Violet. Pkt. 10 cts.; large pkt. 30 cts.

White Perfection (Alba Perfecta). Pkt. 10 cts.; large pkt. 30 cts.

Salmon King. Rich salmon-pink. Pkt. 10 cts.; large pkt. 30 cts.

Finest Mixed. Pkt. 10 cts.; ¼ oz. 30 cts.

COLLECTION (Imported): Eight varieties, 75 cts.

**BALLOON VINE**

A rapid-growing annual climber that succeeds best in light soil and warm situations. Flowers white; seed-vessels look like miniature balloons. Pkt. 10 cts.; oz. 35 cts.

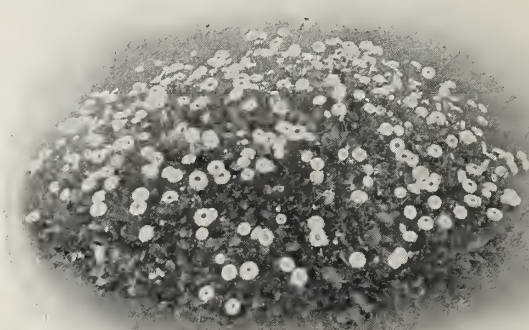
**BAPTISIA****False Indigo**

Australis. A strong-growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in June and July. Pkt. 10 cts.

**BEGONIAS****Everblooming Bedding Varieties**

A continuous-flowering section of Begonias of the greatest value for bedding. The flowers are of brilliant colors and borne in great profusion from summer to autumn. Pkt.

Gracilis, Luminosa. Large, bright scarlet flowers. Reddish brown foliage.	\$0 20
Gracilis, Prima Donna. Forms a broad, full bush with dense foliage. The flowers are a brilliant clear pink, shading to carmine-rose.	20
Dwarf Vernon. A fine sort for edgings, etc., with rich, red flowers and bronze foliage.	20
Salmon Queen. Brilliant salmon-rose; foliage dark green, with reddish hue.	20
Gloire de Chatelaine. A very attractive plant. The flowers are brilliant pink, and being a perpetual bloomer, it makes a charming bedding or house plant.	25
Semperflorens, Mixed. Dwarf; compact; very free blooming; elegant for bedding.	20



Bellis perennis

**BELLIS · English Daisy**

The Bride. A fine, very double, free-flowering, pure white sort.	\$0 10	\$0 60
Longfellow. Large, double, pink flowers.	10	60
Snowball. Large and very double; pure white.	10	60
Giant Red. Beautiful and densely double flowers.	25	75
Giant Rose. Bright rose.	25	75
Giant White. Pure white.	25	75
Double Mixed. Selected strain of the finest quality.	10	50

**BRACHYCOME · Swan River Daisy**

Brilliant, free-flowering hardy annual, suitable for beds or borders. Cineraria-shaped, blue or white flowers. 9 inches. Mixed. Pkt. 10 cts.; ¼ oz. 30 cts.

**BROWALLIA**

Handsome annuals, with blue or white flowers. Fine for garden beds in summer or pot culture in winter. 1½ feet.

Speciosa major. A beautiful flowering variety of brilliant ultramarine-blue. Does finely outside in the border or in hanging-baskets or in vases. \$0 20

Elata, Mixed. Blue and white. 10

**CACALIA**

Coccinea (Tassel Flower). Pretty, free-flowering, hardy annual, producing trusses of showy, tassel-like scarlet flowers. 1½ feet. ¼ oz. 25 cts. 10

**CALCEOLARIA**

A tender perennial, used largely for the decoration of the greenhouse and conservatory.

Covent Garden Strain. Extra choice; strongly recommended for habit, also size and markings of flowers. \$0 50

Profusa (C. Clibranii). The sprays of rich golden yellow flowers are light and graceful in habit, and are very lasting. 50

Rugosa, Mixed. Shrubby, small-flowering varieties, for bedding, of the finest colors. 15 inches. 50

**CANARY-BIRD VINE****(Tropæolum canariense)**

A rapid-growing, climbing annual, producing an abundance of pretty, fringed, bright yellow flowers, bearing a fancied resemblance to a bird with wings expanded. Pkt. 10 cts.; oz. 50 cts.





Campanula Medium

## CALENDULA · Pot Marigold

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable also for pot culture, blooming in the winter and early spring. 1 foot.

<b>Ball's Orange.</b> A special forcing strain. Pkt. Large Pkt. Oz.			
Double, bright orange flowers.....	\$0 25	\$0 75	
<b>Lemon Queen.</b> Lemon-yellow.....	10	20	\$0 40
<b>Meteor.</b> Yellow, striped orange.....	10	20	40
<b>Orange King.</b> Dark orange-red.....	10	20	40
<b>Prince of Orange.</b> Orange, slightly striped with yellow.....	10	20	40
<b>Mixed</b> .....	10	20	40

## CALLIOPSIS

Very graceful border plants, supplying throughout the summer an abundance of elegant, showy flowers which are greatly prized for bouquets and vases. Pkt.

<b>Beauty.</b> Dwarf, compact plants, about 8 inches high, covered with golden yellow flowers, having crimson center. Fine for pots or borders.....	\$0 15	
<b>Crimson King.</b> Rich dark crimson. 6 inches.....	15	
<b>Golden Wave (C. Drummondii).</b> A very showy sort with large yellow flowers, having dark brown center. 1½ feet.....	10	
¼ oz. 25 cts. ....	10	
<b>Marmorata.</b> Bright golden yellow flowers, marbled with wallflower-red. 2 feet.....	10	
¼ oz. 25 cts. ....	10	
<b>Nana radiata (Tiger Star).</b> Rich bronze, striped and mottled yellow.....	15	
<b>Nigra speciosa.</b> Rich crimson-maroon. 2 feet. ¼ oz. 25 cts. ....	10	
<b>Tinctoria.</b> Another showy variety, the large flowers being bright yellow and maroon, about evenly divided. 2 feet. ¼ oz. 25 cts. ....	10	
<b>Mixed.</b> All the choicest sorts. 1 to 2 feet.....	10	
¼ oz. 25 cts. ....	10	

## CAMPANULA · Bellflower

## Biennial Varieties

Sow these hardy biennials in summer and transplant to a bed in autumn for flowering the following year. They also make effective pot plants for spring flowering, if sown in summer, potted in autumn, and kept in a cool frame through winter.

**Medium calycanthema** (Cup-and-Saucer Canterbury Bells). This is the finest type of this old-fashioned and much-prized garden plant. Pkt. Large pkt.

<b>Rose.</b> Delicate rose-pink.....	\$0 10	\$0 50
<b>Blue.</b> A fine, clear shade.....	10	50
<b>White.</b> Pure white.....	10	50
<b>Lilac.</b> Very fine.....	10	50
<b>Mixed</b> .....	10	40

## Single Varieties

Rose	White	Blue	Mixed
	Pkt. 10 cts.; large pkt. 25 cts.		
Double Mixed.	Pkt. 10 cts.; large pkt. 40 cts.		

## Perennial Campanula

Bell-shaped flowers, well known and easily grown; useful for flower border, shrubbery, or wild garden. Pkt.

<b>Carpatica</b> (Carpathian Harebell). Free-flowering, continuing in bloom the whole season; blue. 6 inches.....	\$0 10
<b>Carpatica alba.</b> The white-flowered form of the above.....	10
<b>Persicifolia grandiflora</b> (Peach Bells). One of the finest hardy Bellflowers. Grows 2 to 3 feet high; large blue flowers.....	15
<b>Persicifolia alba</b> (White-flowered Peach Bell).....	15
<b>Persicifolia Pfitzeri.</b> Light blue.....	25
<b>Pyramidalis</b> (Chimney Bellflower). A beautiful, stately plant for garden or pot culture; blue flowers.....	10
<b>Pyramidalis alba.</b> White flowers.....	10

## CANDYTUFT · Iberis

## Annual Varieties

A hardy, free-flowering annual of easy culture, and valuable for edging, bedding, massing, or for cutting. 1 foot.

<b>Giant Hyacinth-flowered.</b> Immense, pure white spikes.....	¼ oz. 25 cts. ....	\$0 10	\$0 75
<b>Empress.</b> Large-flowered white sort.....		10	40
<b>Carmine.</b> Bright carmine-rose.....		10	40
<b>Crimson.</b> Rich, deep shade.....		10	40
<b>Lavender.</b> Delicate shade of rosy lavender.....		10	40
<b>Flesh-Pink.</b> Fine delicate tint.....		10	50
<b>Queen of Italy.</b> Light lilac; very free-flowering.....		10	50
<b>Finest Mixed.</b> All colors.....		10	25

## Perennial Varieties

**Sempervirens.** A profuse white-blooming hardy perennial, coming in flower early in the spring; much used for rockeries, etc. .... 15 |

**Gibraltarica.** Lilac flowers, shading white; very fine. .... 15 |

CARNATION

The varieties we list here are best treated as annuals, although they will live over winter and flower again next season by giving slight protection with leaves or straw. From seeds sown in early spring, plants begin blooming in July or August, and continue until frost.

Marguerite Carnations—

	Pkt.	Large pkt.
<b>Pure White</b> .....	\$0 10	\$0 50
<b>Yellow</b> .....	10	50
<b>Scarlet</b> .....	10	50
<b>Deep Crimson</b> .....	10	50
<b>Choice Mixed</b> .....	10	30
<b>Giant Marguerite.</b> An improved strain, producing flowers of immense size. Mixed colors.....	10	50
<b>Chabaud's Everblooming.</b> Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors.....	15	

Calendula



## CARDINAL CLIMBER

A beautiful annual vine of rapid growth. The cardinal-red flowers resemble those of the cypress vine, but are much larger, and are produced in great quantities continuously through the summer. Splendid for covering stumps and trellises; 20 to 30 feet. Pkt. 15 cts.

## CELOSIA

The dwarf Cockscombs are showy in the border, while the feathered or plumed varieties are especially attractive in large beds, and are useful for cutting. The flowers retain their color, even when dry, and can be used in winter bouquets.

### CELOSIA CRISTATA · Cockscomb

**Crimson Exhibition.** From prize flowers and enormous combs ..... Pkt. \$0 10  
**Empress.** Bright crimson, rich and velvety ..... 10

### CELOSIA PLUMOSA · Feathered Celosia

There are no more showy summer and fall bedding plants than the plumed Celosias. Planted in masses, the color effect is magnificent. The handsome plants are symmetrical in growth, averaging 2 feet in height, every branch bearing a pointed head or plume of richly colored bloom, which, when fully developed in the fall, is supremely gorgeous.

**Thompson's Superb.** About 2½ feet in height, with a Pkt. feathery plume of the most brilliant red ..... \$0 10  
**Thompsoni Magnifica.** Colors range from the clearest yellow to the darkest blood-red ..... 10  
**Deep Crimson** ..... 10  
**Deep Golden Yellow** ..... 10  
**Pride of Castle Gould.** Mixed ..... 15  
**Plumosa.** Finest mixed ..... ¼ oz. 25 cts. 10

### CELOSIA PLUMOSA CHILDSII · Chinese Woolflower

The most unusual type of Feathered Celosia, attaining a height of from 2 to 3 feet. There are many branches issuing from the main stalk, each stem having the silky tendrils common to Celosia. The striking feature of this variety is that at the tips they have a bushy appearance.

**Crimson** ..... Pkt. \$0 15  
**Pink.** Beautiful shade of salmon-pink ..... 15  
**Yellow** ..... 15  
**Mixed** ..... 10

## CERASTIUM

### Snow-in-Summer

**Tomentosum.** A hardy perennial, valuable for edgings and rockeries; silvery foliage; white flowers. Pkt. 10 cts.



*Centaurea imperialis*



Bed of Celosia plumosa

## CENTAUREA

The various varieties of this popular annual include such favorites as the Bachelor's Buttons, or Cornflowers, and Sweet Sultans, old-fashioned flowers of easiest culture.

### CORNFLOWER (*Centaurea cyanus*)

Also known as Bachelor's Button, Bluet, Ragged Sailor, and Blue-bottle. Extremely showy in the garden and fine for cutting. They are easy to grow, take care of themselves, bloom continuously, and even come up again the next year from the seed that has dropped in the ground.

	Pkt.	Large pkt.
<b>Double White</b> .....	\$0 10	\$0 30
<b>Double Blue.</b> Deep blue.....	10	30
<b>Double Rose-Pink</b> .....	10	30
<b>Finest Double, Mixed</b> .....	10	30
<b>Finest Single, Mixed</b> .....	10	25

### CENTAUREA IMPERIALIS · Giant Sweet Sultans

These are splendid flowers for cutting—long stemmed, exquisitely fringed, most graceful in appearance, and delightfully fragrant. The most beautiful colors are found among them. Easy to grow, flowering freely from June until frost. 2 to 3 feet.

	Pkt.	Large pkt.		Pkt.	Large pkt.
<b>White</b> .....	\$0 10	\$0 30	<b>Delicate Lilac</b> ...	\$0 10	\$0 30
<b>Purple</b> .....	10	30	<b>Deep Lavender</b> ..	10	30
<b>Rose</b> .....	10	30	<b>Choice Mixed</b> ...	10	25
<b>Brilliant Rose</b> ...	10	30			

**COLLECTION:** One pkt. each of above 6 colors, 50 cts.

### VARIOUS CENTAUREAS

**Americana** (Basket Flower). A splendid native variety, Pkt. growing 3 feet high and bearing immense, thistle-like blooms of a rosy lavender color. Very showy in the mixed border and splendid for cutting. .... \$0 10  
**Suaevolens** (Yellow Sweet Sultan, or Grecian Cornflower). Very showy, large bright yellow flowers; sweetly scented. .... 10

### WHITE-LEAVED CENTAUREAS · Dusty Millers

Fine for bedding, vases and pots; also extensively used for borders or edgings.

**Candidissima.** Silvery white; leaves broadly cut; 1 foot. .... Pkt. 500 seeds, 30 cts. \$0 10  
**Gymnocarpa.** Fine-cut silvery foliage; 1½ feet. .... 500 seeds, 20 cts. 10

## CHRYSANthemUMS

### Annual Varieties

Very free-flowering, beautiful annuals, showy in the garden and fine for cutting. The beautiful and varied colors in which they appear make them especially attractive in the garden.

**Evening Star.** Large, golden yellow flowers, 3 inches across; Pkt. excellent for cutting. .... ¼ oz. 25 cts. \$0 10  
**Northern Star.** Giant white flowers with yellow center. .... ¼ oz. 35 cts. 10  
**Inodorum, Snowball.** Double white flowers which are produced from mid-summer till frost. Fine for cutting. .... 10  
**Coronarum, Double, Mixed.** Yellow, White, etc. .... oz. 50 cts. 10  
**Single, Mixed** (Painted Daisies). .... oz. 40 cts. 10

### Perennial Varieties

**Shasta Daisy.** A perennial variety with large white flowers on long stalks. When sown very early under protection the flowers often appear before summer is over. .... 15  
**King Edward VII.** Single. A splendid large-flowered variety. The flowers are pure white and borne on long stiff stalks well above the foliage. .... 15





Cineraria hybrida

## CINERARIA HYBRIDA

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest from a prize European collection containing only the best colors.

- Waterer's Prize Dwarf.** Dwarf, compact plants not over a foot high, with immense heads of large individual flowers in a great range of beautiful colors. Pkt. \$0 50
- Waterer's Prize Tall.** Extra-fine colors, with plenty of selfs and various shades of rose. 50
- Matchless.** Very fine strain; contains many new colors; vigorous and compact growth. 75
- Matador.** Fine glowing scarlet. 50
- Hybrida grandiflora, Stella.** Twisted or fluted petals like a single cactus dahlia. 50
- Stellata, Feltham Beauty.** A great improvement on the old variety. Beautiful mixture of many colors. 50

## WHITE-LEAVED CINERARIA · Dusty Miller

- Maritima candidissima.** These, as well as the white-leaved Centaureas, are called "Dusty Millers." Fine for bedding, ribbon beds and margins; prized for their beautiful, downy, silvery foliage. They are half-hardy perennials, but should be treated as annuals. 2 feet. 1/4 oz. 25 cts. 10

## CLARKIA

- Elegans.** Our double Clarkias are very fine, and can be grown successfully in any garden soil. They flower profusely, on long stems, and are exceedingly bright and attractive, especially in masses. Clarkias have become very popular of late and are grown extensively in the greenhouse during the winter. 2 to 2 1/2 feet.

- Double Brilliant.** Rich crimson-scarlet. Pkt. Large pkt. \$0 10 \$0 25
- Double Salmon Queen.** Salmon-pink. 10 25
- Double Scarlet Queen.** Brilliant orange-scarlet. 10 25
- Double White.** Pure white. 10 25

## CLEOME · Giant Spider Flower

- Pungens, Rose Queen.** A quick-growing annual with large, curious flowerheads of a bright rose color, on stems 4 feet tall. The individual flowers hang gracefully on slender thread-like stems resembling spiders' legs. Pkt. \$0 15

## COBÆA

- Scandens.** Popular climber of rapid growth. Large, purple, bell-shaped flowers appear in great profusion during the fall months. 20 feet. 1/4 oz. 25 cts. 10
- Scandens alba.** Pure white. 10

## COLEUS

- Finest Varieties,** in splendid mixture. 50

## COMMELINA

- Cœlestis.** Blue. Showy, half-hardy perennials that are favorite plants for pots and gardens. 1 1/2 feet. 1/4 oz. 30 cts. 10

## CONVOLVULUS · Morning-Glory

DWARF (*Convolvulus minor*)

Remarkably showy plants, with exceedingly handsome rich colored flowers, producing an unusually brilliant effect in beds and mixed borders.

**Finest Mixed.** 1 foot. Pkt. 10 cts.; oz. 25 cts.

CLIMBING (*Convolvulus major*)

Splendid for covering wire trellises, arbors, and verandas. Single. All colors mixed. Pkt. 5 cts.; oz. 20 cts.

**IMPORTED COLLECTION:** Eight varieties, 50 cts.

## COREOPSIS

**Lanceolata grandiflora.** Yields a profuse and long-continued succession of large, golden yellow flowers during the whole of the summer months. Hardy perennial. 1/4 oz. 25 cts. \$0 10

## COSMOS

Beautiful autumn flowers, fine for cutting, and extremely showy in the garden. Our Giant Lady Lenox grows 7 feet high, and begins blooming in September. We offer a fine strain of Giant Early-flowering Cosmos which grow but 4 feet high, begin blooming in July and continue until frost.

## GIANT LATE-FLOWERING

Huge flowers, often measuring 5 inches across, on long stems.

- |  | Pkt.   | 1/4 oz. | Oz.    |
|--|--------|---------|--------|
| <b>Pink Lady Lenox.</b>  | \$0 10 | \$0 20  | \$0 50 |
| <b>White Lady Lenox.</b>   | 10     | 20      | 50     |
| <b>Crimson.</b>  | 10     | 20      | 50     |
| <b>Mixed.</b>  | 10     | 20      | 40     |
| <b>Klondyke.</b> A late-blooming variety with golden yellow flowers. | 10     |         |        |

## GIANT EARLY-FLOWERING

From seeds sown about end of April, plants begin to bloom in July and continue until frost.

- |                 | Pkt.   | 1/4 oz. | Oz.    |
|-----------------|--------|---------|--------|
| <b>White.</b>   | \$0 10 | \$0 25  | \$0 65 |
| <b>Pink.</b>    | 10     | 25      | 65     |
| <b>Crimson.</b> | 10     | 25      | 65     |
| <b>Mixed.</b>   | 10     | 20      | 50     |

## DOUBLE

These beautiful new Cosmos are most striking in color. A large percentage come true from seed, both as to color and doubleness. The singles which the strain produces are also very beautiful.

- Pink Beauty, White Queen, Crimson Queen.** Pkt. \$0 20
- Double Mixed.** 15

CYPRESS VINE (*Ipomœa quamoclit*)

One of the most beautiful climbers, with light, graceful, delicate foliage and bright flowers. 15 feet.

- |                                  | Pkt.   | Oz.    |
|----------------------------------|--------|--------|
| <b>Scarlet.</b>                  | \$0 10 | \$0 50 |
| <b>White.</b>                    | 10     | 50     |
| <b>Mixed.</b> White and Scarlet. | 10     | 40     |



Cosmos Border





Cyclamen giganteum

## CYCLAMEN

**Giganteum.** The very choicest strain of this beautiful flower obtainable.

	Pkt	100 seeds
<b>Blood-Red.</b> .....	\$0 50	\$2 50
<b>Bright Rose.</b> .....	50	2 50
<b>Salmon King.</b> Salmon-pink. Very fine.....	50	2 50
<b>Vulcan.</b> Deepest red.....	50	2 50
<b>White, with Dark Eye</b> .....	50	2 50
<b>White Swan.</b> Pure white.....	50	2 50
<b>Finest Mixed.</b> .....	40	2 00
<b>Butterfly (Papilio or Victoria).</b> Very large flowers with fringed and fluted petals.....	50	
<b>Cherry Ripe.</b> The brightest red Cyclamen in cultivation.....	75	
<b>Mrs. Buckston.</b> A real salmon shade—a lovely tint..	75	
<b>Pink Pearl.</b> A lovely pale salmon.....	75	

## DAHLIAS

These half-hardy perennials are very easily grown from seed, all classes coming quite true and supplying magnificent colors. In the garden these seedling Dahlias bloom as early and freely as the plants grown from tubers. The seed we offer has been saved from a superb collection of the finest-named varieties. Half-hardy perennial.

<b>Double Large-flowered, Finest Mixed.</b> Saved from the Pkt. finest sorts.....	\$0 15
<b>Double Cactus-flowered, Finest Mixed</b> .....	10
<b>Giant Decorative.</b> Beautiful flowers, varying in form between the Show and Cactus Dahlias, saved from a fine collection....	25
<b>Giant Peony-flowered, Mixed.</b> Saved from finest blooms.....	15
<b>Single Mixed.</b> Large, showy flowers.....	10
<b>Single Giant Perfection.</b> Flowers of immense size, averaging 6 inches across. Finest mixed.....	10

## DELPHINIUM • Perennial Larkspur

One of the most showy and useful hardy perennial plants, producing splendid spikes of flowers in profusion throughout the summer.

<b>Gold Medal Hybrids.</b> Choicest mixture. All shades of blue Pkt. from best-named varieties only.....	1/4 oz. 60 cts.. \$0 15
<b>Belladonna.</b> Clear turquoise-blue.....	25
<b>Belladonna, Cliveden Beauty.</b> A great improvement on original variety.....	25
<b>Belladonna, Fanny Stormouth.</b> Light azure-blue; very large.....	25
<b>Cardinale.</b> Bright scarlet, with yellow center.....	25
<b>Chinense.</b> A distinct and neat variety, growing about 1 1/2 feet high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue.....	10
<b>Chinense album.</b> The white-flowered form of the preceding.....	10
<b>Formosum.</b> Splendid dark blue flowers with a white center..	10
<b>Formosum celestinum.</b> Very beautiful, large, pale blue flowers with white center.....	15
<b>Elatum hybridum fl.-pl.</b> Double varieties; finest mixed.....	15
<b>Rev. E. Lascelles.</b> (New.) Flowers large and double, deep blue with white center.....	25

## DATURA • Trumpet Flower

Ornamental annuals of rapid growth, with large, trumpet-shaped, fragrant flowers. 3 feet.

<b>Cornucopia</b> (Horn of Plenty). Flowers white inside, purple Pkt. outside.....	\$0 10
<b>Fastuosa Huberiana.</b> Large, double flowers of various colors..	10

## DIANTHUS • Pinks

Few flowers can equal these in beauty and profusion of bloom. They comprise many beautifully marked varieties of rich and varied colors. All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost is past, and will, in a short time, become a mass of bloom and so remain all summer. Elegant as cut-flowers for bouquets, as the stems are good. Grow about 1 foot high, and are of easiest culture.

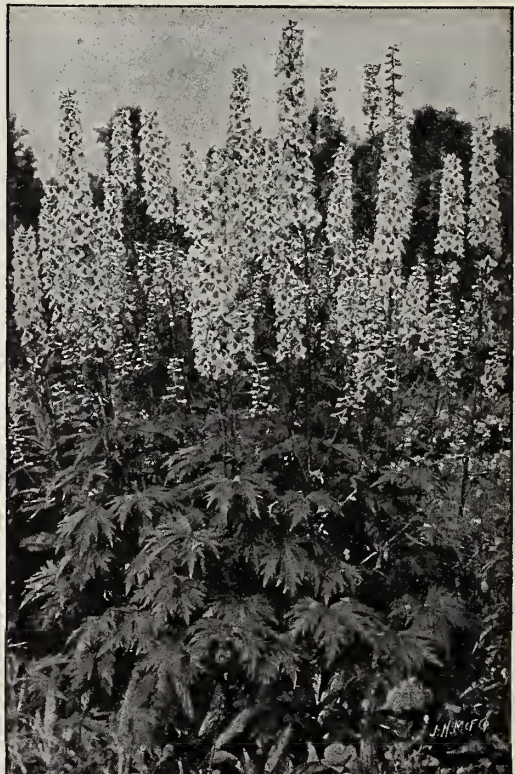
## HARDY GARDEN PINKS

These form low, bushy, tufted plants, above which are produced, on long stems, the beautiful fringed and fragrant flowers so valued in old-fashioned gardens.

<b>Allwoodii.</b> (New.) A hybrid between a carnation and a Pink. Pkt. Extremely floriferous; varied colors. They are perfectly hardy and flower continuously from spring until late in the autumn.....	\$0 35
<b>Plumarius, Single Mixed</b> (Pheasant's-Eye Pink). Large, single, fringed flowers, beautifully marked in many colors....	10
<b>Plumarius fl.-pl.</b> (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors.....	15
<b>Semperflorens</b> (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double, and single flowers in great diversity of color.....	25
<b>Latifolius atrococcineus fl.-pl.</b> A hybrid between the China Pink and Sweet William. The heads of brilliant red flowers are quite double.....	15

## DOUBLE ANNUAL PINKS

<b>Chinensis fl.-pl.</b> (China, or Indian Pink). Blooms in clusters; flowers very double and in a large range of bright colors.....	10
<b>Diadematis fl.-pl.</b> (Double Diadem Pink). Beautiful double flowers of various tints of lilac, crimson, and purple; outer edges fringed.....	10
<b>Fireball.</b> Extra-double brilliant dark scarlet; very beautiful..	10
<b>Laciniatus fl.-pl.</b> (Double Fringed Pink). Large, double flowers, in a great variety of colors; edges fringed.....	10
<b>Lucifer.</b> Brilliant orange-scarlet flowers measuring about 2 inches across; very dazzling and popular variety; nicely fringed.....	15



Delphinium, Gold Medal Hybrids





Hardy Pinks

## DOUBLE ANNUAL PINKS, continued

- Mirabilis fl.-pl.** (Double Marvelous Pink). Large, fringed, Pkt. double flowers on long, stiff stems, the colors ranging from pure white through all the shades of rose to dark crimson... \$0 10
- Mourning Cloak.** Flowers very dark velvety crimson, each petal being strikingly edged white... 10
- Salmon King.** Brilliant salmon-rose... 10
- Snowdrift.** Large, double, white flowers; excellent for border or cutting... 10
- Violet Queen.** Rich violet, an unusual shade... 10

**IMPORTED COLLECTION:** Twelve varieties of China and Japan Pinks, 75 cts.

## SINGLE ANNUAL PINKS

These single sorts contain many beautiful varieties, the flowers of which often measure 2 to 3 inches in diameter. They are very effective for borders or beds. 1 foot. Pkt.

- Crimson Belle.** Rich crimson... \$0 10
- Eastern Queen.** Flowers delicately marbled rose and mauve... 10
- Heddewigi** (Single Japan Pink). Finest selected single-flowered varieties, mixed... 10
- Laciniatus** (Single Fringed Pink). The fringed flowers come in a great variety of colors... 10
- Nobilis** (Royal Pink). Improved varieties of the single-flowering Japan Pink. The colors vary from white to dark red... 10
- Punctatus** (Princess Pink). A fine variety, with fringed flowers, mottled, flaked, spotted, and striped in the greatest diversity of colors... 10
- Salmon Queen.** Beautiful fringed flowers of brilliant salmon color, changing to old rose when fading... 10
- Vesuvius.** Beautiful orange-scarlet flowers, very striking in beds or borders... 10

**COLLECTION:** One pkt. each of above 8 varieties, 65 cts.

## DIGITALIS · Foxglove

Showy, hardy perennials of easy culture. As a background in a shrubbery, or as specimen plants in large beds, they are equally striking and effective. Sow in July for strong flowering plants the following season. Pkt.

- Spotted Varieties.** A superb mixture, containing a wonderful range of colors... \$0 10
- Monstrosa.** Long spikes, surmounted by one enormous flower. All colors mixed... 10
- Gloxiniæflora.** Large, spotted, gloxinia-like flowers, produced on long spikes. Purple, White, Rose, and Mixed... Each, 10

## DIDISCUS

**Cærulea** (Blue Lace Flower). An excellent annual that produces its lovely pale lavender flowers from July until frost; excellent for cutting... Large pkt. 60 cts. \$0 15

## DIMORPHOTHECA · African Daisies

Beautiful annuals, with single, daisy-like blossoms of orange and gold. They form compact and very bushy plants, are always in bloom, and are good for cutting. 1 foot. Pkt.

**Aurantiaca.** Golden orange with dark disc... \$0 10

**Aurantiaca Hybrids.** Varying in colors from white to bluish-white, lemon-yellow to reddish yellow, pale salmon to golden orange... 10

**Aurantiaca Hybrids, Double.** Semi-double and double-flowering varieties, in finest mixture... 15

## DOLICHOS · Hyacinth Bean

A rapid-growing annual climber, bearing large, handsome foliage and bright flowers, followed by curiously bean-shaped pods.

**Darkness.** Stems and under sides of foliage purplish red. The numerous spikes of reddish purple, pea-like flowers are succeeded by showy seed-pods. 8 to 10 feet... Pkt. Oz. \$0 10 \$0 25

**Daylight.** Covered with pure white flowers from the ground up; ornamental white pods. 8 to 10 feet... 10 25

## ESCHSCHOLTZIA · California Poppy

Very attractive annuals of the easiest culture, their flowers being very bright and showy. They are splendid for bedding, massing, or edging. The bushy plants grow about 1 foot high and bloom profusely from spring-sown seed. Pkt. ¼oz.

**California aurantiaca.** Rich orange... \$0 10 \$0 25

**The Geisha.** The prettily fluted petals are brilliant golden on the inside and intense orange-crimson on the outside... 10 35

**Golden West.** Yellow, with orange center... 10 25

**Mandarin.** Inside of petals orange, outside scarlet... 10 25

**Mauve Beauty.** Pure mauve... 15 75

**Rosy Queen.** Soft flesh-pink... 10 25

**Scarlet Beauty.** Vivid, deep, even scarlet... 10

**Vesuvius.** Wallflower-red... 10 30

**COLLECTION:** One pkt. each of above 8 varieties, 75 cts.

**Mixed.** Rich shades of Crimson, Pink, and Orange-Scarlet... Pkt. oz. 30 cts. \$0 10

**Hybrid Mixed.** New, large-flowering, erect type, containing a large percentage of new colors in Eschscholtzias, including Soft Pink, Scarlet, Chrome, Copper-red, Claret and Royal Purple... ¼oz. 35 cts. 10



Eschscholtzia





Gaillardia grandiflora

## EUPATORIUM

A fine hardy perennial, which will grow and thrive in almost any situation; blooms the first season from seed if sown early; excellent for cutting. 2 feet.

**Fraseri.** Feathery white flowers. Pkt. 10 cts.; large pkt. 25 cts.

## EUPHORBIA

Plants with ornamental foliage; very showy and easily raised from seed.

**Variegata** (Snow-on-the-Mountain). Elegant, bushy plants, Pkt. with broad green leaves veined and margined with white. Attractive in foliage groups and among flowers. 2 feet. .... \$0 10  
 1/4 oz. 25 cts. ....

**Heterophylla** (Annual Poinsettia, or Mexican Fire-Plant). An annual, bushy plant, with highly ornamental leaves, which in summer and autumn become dark fiery scarlet. 2 to 3 feet. .... 10

## GAILLARDIA • Blanket Flower

## Perennial Varieties

Showy and handsome hardy perennials for beds and borders. The flowers are a most peculiar combination of shades, varying between gold and maroon. Sow in summer in drills, transplanting to permanent positions during autumn.

**Grandiflora.** Flowers maroon and orange, 3 to 4 inches across. Pkt. 2 feet. .... \$0 10

**Grandiflora compacta.** Compact variety, as rich and varied as the tall-growing sort. .... 10

**Grandiflora, Dazzler.** Bright golden yellow, with rich maroon-red center, the two tints bearing a well-balanced and harmonious proportion to each other. .... 25

**Grandiflora, The King.** Vivid crimson center, wide yellow margin. .... 25

## Annual Varieties

An exceedingly popular and showy annual, producing throughout the summer an abundance of large, handsome flowers of various colors.

**Amblyodon.** Large, single, salmon-red flowers, deep crimson Pkt. centers; very showy and fine for cutting. 2 feet. .... \$0 15

**Picta.** Single-flowered. Fine mixture of colors. 1 foot. .... 10  
 1/4 oz. 25 cts. ....

**Lorenziana, Double, Finest Mixed.** Beautiful colors, flowering all summer. Fine for bedding or cutting. 1 1/2 feet. .... 10  
 1/4 oz. 30 cts. ....

**Lorenziana, The Bride.** White; double; fine for cutting. .... 15

## GENTIANA • Blue Gentian

**Acaulis.** A dwarf, hardy perennial; deep blue flowers; suited to moist, shady situations. Pkt. 10 cts.; large pkt. 40 cts.

## GEUM

Beautiful hardy perennial, bearing profusely large, showy, double, dark crimson flowers all through the summer. An elegant flower for bouquets. Pkt.

**Atrosanguineum.** Double; deep scarlet. 1 1/2 feet. .... \$0 10

**Coccineum fl.-pl., Mrs. J. Bradshaw.** Brightest scarlet. The nearly double flowers are borne on strong stems and measure 2 1/2 to 3 inches across, with large, waved petals of great substance. .... 15

## GODETIA

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. 1 foot.

**Crimson Glow.** Forms a compact little bush about Pkt. 1/4 oz. 9 inches in height, completely smothered with flowers of the most dazzling crimson. .... \$0 10 \$0 75

**Duchess of Albany.** Satiny white. .... 10 30

**Gloriosa.** Darkest red. .... 10 30

**Rosamond.** Dwarf habit; large shell-pink flowers; makes a beautiful border. .... 10 30

**Schwaminii, Rosy Morn.** This is a lovely coral-pink, and the flowers are very double. Excellent for cutting and very free flowering. .... 20

**Mixed.** All colors. .... 10 25

## GLOBE AMARANTH • Gomphrena

Sometimes called "Bachelor's Buttons." Popular bedding plants; flowers resemble clover-heads and can be dried and used in winter bouquets. 2 feet. **Pink, White, Purple, and Mixed**, each, pkt. 10 cts.; large pkt. 25 cts.

## GLOXINIA

**Hybrida grandiflora.** An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts. Pkt. 50 cts.

## ORNAMENTAL GOURDS

Gourds grow luxuriantly and are useful for covering arbors, fences, etc. The fruits they bear are very ornamental, and keep well. 15 to 20 feet.

	Pkt.	Large pkt.
<b>Apple-shaped.</b> .....	\$0 10	\$0 25
<b>Bottle-shaped.</b> .....	10	25
<b>Dipper-shaped, or Calabash.</b> .....	10	25
<b>Luffa (Dish-rag).</b> .....	10	25
<b>Egg-shaped.</b> .....	10	25
<b>Hercules' Club.</b> .....	10	25
<b>Orange-shaped (Mock Orange).</b> .....	10	25
<b>Pear-shaped.</b> .....	10	25
<b>Fine Mixed.</b> .....	10	25

IMPORTED COLLECTION: Twelve varieties, 75 cts.

## GRASSES • Ornamental

For borders and ornamental gardening; also, when dried, for winter bouquets and decorations.

**Pennisetum longistylum.** Annual. Graceful, greenish Pkt. white plumes; fine for beds or dried bouquets. 2 feet. .... \$0 10  
 Large pkt. 25 cts. ....

**Pennisetum Ruppeli** (Purple Fountain Grass). Annual. Excellent for beds or for dried bouquets; purple plumes. 3 feet. .... Large pkt. 25 cts. .... 10

IMPORTED COLLECTION: Twelve varieties, 75 cts.



Gloxinia



**GREVILLEA · Silk Oak**

**Robusta.** Really a greenhouse plant, but can be successfully grown as an annual. It is a neat little shrub, with delicate fernlike foliage. Very useful for table decoration and in foliage groups. . . . . \$0 10

**GYPSOPHILA · Baby's Breath**

Feathery panicles of tiny star-shaped flowers, gracefully and daintily borne on slender stems. A charming effect may be had by mixing sprays of Baby's Breath with other long-stemmed cut-flowers.

- Elegans alba grandiflora.** This is an improved, large-flowering, pure white form of the annual Baby's Breath, of free, easy growth. Several sowings should be made during the season to keep up a supply. . . . . oz. 25 cts. \$0 10
- Elegans rosea.** A pretty blush-pink form of the above and equally as valuable for cutting. . . . . oz. 35 cts. 10
- Muralis.** A lovely little rock or edging plant with rose-pink flowers. . . . . 1/4 oz. 30 cts. 10
- Paniculata.** One of the favorite hardy perennials. White flowers; fine for bouquets. Blooms first year if sown early. 2 feet. . . . . 1/4 oz. 30 cts. 10
- Paniculata fl.-pl.** The double-flowering Baby's Breath, and one of the finest hardy plants for cutting. . . . . 25
- Snow White.** Double; pure white. . . . . 35



Helichrysum

**HELIOTROPE**

A half-hardy perennial, flowering during the whole season. Its delightful perfume makes it a most desirable bouquet flower. A splendid bedding plant. Seed started indoors in the spring will make fine plants for summer blooming; can also be sown outdoors in May.

- Large-flowering, Finest Mixed.** . . . . 1/2 oz. 50 cts. \$0 15
- Regale.** Improved variety of dwarf habit than the above; very fine flowers. . . . . 25

**HEUCHERA**

- Sanguinea.** Excellent plants for rockeries and borders. The foliage grows close to the ground, and above it rise numerous graceful panicles of flowers of a vivid shade of coral-red, which make fine cut-flowers. Blooming period from May till September. 1 foot. . . . . 25
- Choice Hybrids.** (New.) Embrace every shade from white to glowing crimson. . . . . 35



Gypsophila

**HELENIUM**

A hardy and beautiful perennial, producing a large quantity of long-stemmed yellow flowers with black center; very suitable for cutting. In bloom from July to October. 2 to 3 feet. . . . . Pkt.

- Bigelowi.** Golden yellow, with black center. . . . . \$0 25
- Riverton Gem.** Orange-yellow, dark center. . . . . 25

**HELICHRYSUM · Straw Flower**

Helichrysums are an ornament to the garden when growing, and are everywhere prized for the winter decoration of vases and for durable bouquets. Flowers intended for drying should be cut before they are fully expanded and suspended with their heads downward in a cool place.

- |   | Pkt.   | Large pkt. |
|---|--------|------------|
| <b>Double Salmon-Pink.</b> . . . . .            | \$0 10 | \$0 30     |
| <b>Double Fireball.</b> Bright red. . . . .     | 10     | 30         |
| <b>Double Golden Ball.</b> Yellow. . . . .      | 10     | 30         |
| <b>Double Rose Queen.</b> Old-rose. . . . .     | 10     | 30         |
| <b>Double Silver Ball.</b> White. . . . .       | 10     | 30         |
| <b>Double Violet Queen.</b> Rich color. . . . . | 10     | 30         |
| <b>Double Mixed.</b> All colors. . . . .        | 10     | 25         |

**COLLECTION:** One pkt. each of above 6 colors, 50 cts.

**HIBISCUS · Mallow**

All the species bear very showy flowers and are easily grown.

- Grandiflorus hybridus.** A new race of large-flowered perennial Hibiscus. Excellent for borders. Beautiful mixture of Reds, Pinks, White, Blush, and Clear Rose. 4 feet. . . . . \$0 25
- Grandiflorus, Sunset.** A beautiful plant for the greenhouse or outdoors. Flower very large, pale yellow, black center. . . . . 25



Heliotrope



## HOLLYHOCK

A hardy perennial of upright, stately growth, 5 to 8 feet high. The very double varieties are the most desirable, but the newer, semi-double, fringed types are also very popular. Hollyhocks make a fine row in a garden, or a fine background next to a building or high wall or fence.

	Pkt.	Large pkt.
Chater's Double White.....	\$0 10	\$0 40
Chater's Double Scarlet.....	10	40
Chater's Double Sulphur-Yellow.....	10	40
Chater's Double Bright Rose.....	10	40
Chater's Double Salmon-Rose.....	10	40
Chater's Double Maroon.....	10	40
Chater's Finest Mixed.....	10	30



Double Hollyhocks

### Double Exquisite.

Each white-margined petal is adorned with a large blotch (suggesting the markings of a pelargonium), and the range of color at present includes Rose, Light Rose, Carmine-Rose, Violet, and Dark Purple. Pkt. 35 cts.

**Queen of Sheba.** A unique color in the highly perfected class of Chater's Double Hollyhocks. The very double and finely formed flowers of this superb variety are of a beautiful primrose-buff hue, with rosy reflection—a lovely and most effective coloring. Pkt. 35 cts.

**Double Pink Queen.** Very pretty salmon-pink; full double flowers. Pkt. 25 cts.

**Double Newport Pink.** The very double flowers are pure pink. Pkt. 10 cts.; large pkt. 40 cts.

**Mammoth Fringed, Allegheny.** Enormous flowers, measuring 5 inches across, in splendid rich colors; petals beautifully laced and fringed; very robust habit. Choicest mixed. Pkt. 10 cts.; large pkt. 40c.

**Single Mixed.** Fine and showy. Pkt. 10c.; larger pkt. 30 cts.

**COLLECTION: Six colors, 50 cts.**

**IMPORTED COLLECTION: Twelve colors, \$1.**

## HUMULUS • Japanese Hop

A very ornamental and rapid-growing annual climber, with handsome, finely cut foliage. 15 to 25 feet. Pkt. ¼oz.

**Japanicus.** Beautiful green foliage..... \$0 10 \$0 25

**Variegatus.** A variegated variety with handsome foliage..... 10 25

## HUNNEMANNIA

### Giant Yellow Tulip Poppy

**Fumariæfolia.** Plants grow about 2 feet high, and are covered with large, yellow, poppy-like blossoms from July until hard frost..... 10 25

## ICE PLANT

Pretty trailing summer half-hardy annual for vases and rock-work; leaves covered with ice-like drops; flowers white. 6 inches. Pkt. 10 cts.; ¼oz. 25 cts.

## IMPATIENS

Most beautiful and useful tender perennial flowering plant, producing bright waxy flowers almost continually winter and summer. 1 foot. Pkt.

**Sultani.** Bright rosy carmine..... \$0 25

**Holstii Hybrids.** Form strong, bushy plants about 2 feet high, covered with attractive flowers throughout the entire summer and fall..... 25

## IPOMÆA

Rapid-growing twining plants, useful for covering arbors and trellises. Remarkable for their showy flowers of white, pink, blue, and purple.

**Imperialis** (Japanese Morning-Glory). The flowers are of enormous size and of great variety of colors..... Pkt. Oz. \$0 10 \$0 30

**Setosa** (Brazilian Morning-Glory). The pleasing rose-colored flowers are borne very freely in large clusters from August to frost..... 10 50

**Rubro-cærulea grandiflora** (Heavenly Blue). Immense flowers of a bright sky-blue..... 15

**Noctiflora** (Moon-flower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter..... ½oz. 30 cts... 10 50

## KOCHIA

**Trichophylla Childsii** (Summer Cypress). A very ornamental plant of graceful habit, with finely cut green foliage which changes to a deep red in the autumn. It forms a neat little bush somewhat resembling a small cypress tree. A splendid plant for forming a hedge for the summer for any purpose. 3 feet..... ¼oz. 25 cts... 10

## LANTANA

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom. Verbena-like heads of Orange, White, Rose, and other colored flowers. 2 feet. Pkt. ¼oz.

**Mixed Colors.**..... \$0 10 \$0 25

**New Dwarf Bedding Hybrids.** Excellent for bedding and pot culture. Will bloom freely all summer, and can be transferred to the greenhouse for the winter.... 25

## LARKSPUR

### Tall Double Stock-flowered

Larkspurs, or Annual Delphiniums, bloom quickly from seed sown in the spring, and their fine flower-spikes are exceedingly graceful and attractive in the garden, especially if planted in shrubbery borders or in large beds. They furnish some of the finest cutting material. 2½ to 3 feet.

**Exquisite.** The color of this charming new Larkspur is a beautiful soft pink..... Pkt. ¼oz. \$0 25

**Rosy Scarlet.** Lovely color; great favorite in the garden and for cutting..... 25

**Dark Blue.**..... 10 \$0 30

**Lilac.**..... 10 30

**Lustrous Carmine or Newport Pink.**..... 10 30

**Shell-Pink.**..... 10 30

**Sky-Blue.**..... 10 30

**Pure White.**..... 10 30

**Finest Mixed.**..... 10 20

**Dwarf Rocket.** A choice mixture of varieties that grow about 1 foot in height..... 10 20

## LATHYRUS LATIFOLIUS

### Everlasting or Hardy Sweet Pea

A hardy perennial climber, flowering the first year if seed is sown in the fall. Flowers resemble sweet peas. Is not fragrant, but is hardy and showy, and thrives in any good soil. Height 6 feet. Pkt.

**White Pearl.** Long spikes of white flowers..... \$0 15

**Pink Beauty.** Rosy pink..... 10

**Mixed.** All colors..... 10

## LAVATERA • Annual Mallow

Beautiful and showy annual, producing profusely the entire summer, large, cup-shaped flowers. Sow in the garden in May and thin out 1 foot apart. 2 feet. Pkt.

**Trimestris grandiflora rosea.** Brilliant pink..¼oz. 25 cts... \$0 10

## LAVENDER (*Lavandula vera*)

**True Lavender.** Popular sweet-scented hardy perennial; fine for mixed border. 3 feet..... ¼oz. 30 cts... 15



# Recent Novelties and Specialties for 1925

## ANTIRRHINUM (MAJUS GRAND)

**Harmony.** A rich terra-cotta orange, shaded with rose and merging into golden yellow at the center.

Pkt. 35c.

**Peach Blow.** The individual flower is unique in its coloring, having a central band of rich golden yellow which merges above and below into a delicate tint like the flush on the cheek of a well-ripened peach.

Pkt. 35c.

## CALLIOPSIS

**Evening Star.** The plants grow about 18 to 20 inches high and are densely covered with large bright yellow flowers with a zone of deep scarlet, the petals being curled so as to form an eight-pointed star.

Pkt. 35c.

## CLARKIA ELEGANS FL. PL.

**Ruby King.** This new variety recently introduced, is a beautiful shade of ruby red, that vies in attractiveness with the very fine sorts already existing and forms a welcome addition to their ranks...Pkt. 25c.

## DAHLIA

**Coltness Hybrids.** A splendid new class of single Dahlias. The plants are of neat compact habit, averaging about 18 inches high and bearing a full and continued succession of bloom from July until the frosts. The colors are most varied, embracing light and dark scarlet, crimson, dark blood red, white, purple, mauve. Bizarre combinations, such as scarlet tipped white, yellow striped white, yellow flushed red.....Pkt. 25c.

## DIANTHUS

**Semperflorens "Perfection."** A splendid strain of these ever-popular flowers, which produces an infinite variety of beautiful shades of red, such as crimson, carmine, pink, rose, salmon and cinnabar, mostly with an eye of deeper hue.....Pkt. 25c.

## DIMORPHOTHECA

**Eklonis.** Not exceeding two feet in height, it forms a strong-growing compact bush and bears large star-shaped pure white flowers up to 3½ ins. across with a diminutive deep blue disc. Being borne on long stiff stalks these chaste and beautiful flowers are as useful for cutting as they are decorative in the border.....Pkt. 25c.

## GAILLARDIA GRANDIFLORA

**Dazzler.** The color is a bright golden yellow with rich maroon-red center, the two tints bearing a well-balanced and harmonious proportion to each other.

Pkt. 25c.

## HOLLYHOCK, DOUBLE

**Exquisite.** Each white-margined petal is adorned with a large blotch (suggesting the markings of a Pelargonium), and the range of color at present includes Rose, Light Rose, Carmine Rose, Violet and Dark Purple.....Pkt. 35c.

**Queen of Sheba.** A unique color in the highly perfected class of Chater's Double Hollyhocks. The very double and finely formed flowers of this superb variety are of a beautiful primrose buff hue with rosy reflection, a lovely and most effective coloring.

Pkt. 25c.

## NICOTIANA SANDERAE

**Crimson King.** Several handsome hybrids of the original *N. affinis* have ornamented many gardens for a number of years, but this new variety excels them all in color, presenting as it does the richest and deepest tint—a dark velvety crimson red. The extra large flowers of *Crimson King* are of splendid effect, either alone or in conjunction with the pure white and other colors already existing in this handsome and useful species.....Pkt. 25c.

## BALCONY PETUNIAS

A splendid, large and free-flowering type for window-boxes, vases, hanging-baskets, etc. The flowers average 3 inches across and make a very effective display over a long season.

Pkt.

**Balcony Blue.** Velvety indigo-blue.....\$0.20  
**Balcony Rose.** Brilliant rose-pink ..... .20  
**Balcony White.** The pure white form..... .20  
**Balcony Crimson.** Rich velvety crimson..... .20

## NEW SWEET PEAS

**Campfire.** A vivid scarlet cerise which stands the sun well; the brightest tint yet produced in this section. Excellent both for garden decoration and for cutting.....Pkt. 35c.

**Doreen.** The largest flower of its color yet produced; a bright carmine, borne in 4 blossom sprays on a vigorous plant.....Pkt. 35c.

**Miss California.** An extra large flower of a warm salmon-cream pink, the coloring beautifully blended.

Pkt. 35c.

## VERBENA HYBRIDA COMPACTA

**Royal Bouquet.** It forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out, and what gives this novelty its special value is the fact that the flowers will compare in size and variety of color with those of the finest strains of *Auricula-eyed Verbena*.

Pkt. 35c.

## ZINNIA DOUBLE DAHLIA-FLOWERED

This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative Dahlia.

Pkt.

**Buttercup.** Deep buttercup-yellow.....\$0.20  
**Canary Bird.** Delicate primrose-yellow..... .20  
**Crimson Monarch.** Deep crimson flowers..... .20  
**Exquisite.** Light rose, deep rose center..... .20  
**Polar Bear.** Pure white; very large..... .20  
**Scarlet Flame.** Beautiful bright scarlet..... .20  
**Collection:** One pkt. each of above 6 colors..... 1.00  
**Mixed.** All colors..... .20

## HOSEA WATERER

Seedsman

Both Phones

626 CHESTNUT STREET - PHILADELPHIA, PA.

Established 1895



# Planting Table

VEGETABLE	Quantity required for 100 ft. of row	Distance apart		Depth of Planting	No. of Days Required to Germinate	Time Required for Maturity from Date Sown
		Rows	In the row			
Asparagus, seed.....	2 ozs.	1 ft.	3 in.	1 in.	20-28	3 to 4 yrs.
Asparagus, roots.....	66 plants	3 ft.	1½ ft.	6 in.	.....	1 to 3 yrs.
Beans, Bush.....	2 lbs.	2 ft.	2 in.	2 in.	6-10	45-65 days
Beans, Bush Lima.....	2 lbs.	2 ft.	6 in.	2 in. eye down	6-10	70-80 "
Beans, Pole Lima.....	1 lb. to 50 poles	Hills 3 ft. ap't	4-5 in. in hill	2 in. eye down	6-10	80-90 "
Beet.....	2 ozs.	1 ft.	3-4 in.	1 in.	7-10	60-80 "
Brussels Sprouts.....	¼oz.	2-3 ft.	1½ ft.	½in.	5-10	100-120 "
Cabbage, Early.....	¼oz.	2 ft.	1½ ft.	½in.	5-10	100-120 "
Cabbage, Late.....	¼oz.	2½ ft.	2 ft.	½in.	5-10	120-150 "
Carrot.....	1 oz.	1 ft.	2-3 in.	½in.	10-15	70-100 "
Cauliflower, Early.....	¼oz.	2-3 ft.	2 ft.	½in.	5-10	100-115 "
Cauliflower, Late.....	¼oz.	2-3 ft.	2 ft.	½in.	5-10	120-130 "
Celery.....	1 oz.	3 ft.	6 in.	½in.	12-20	120-150 "
Corn, Sweet.....	½lb.	Hills 3 ft. ap't	3 plants to hill	½in.	6-10	70-100 "
Cucumber.....	1 oz.	4 ft.	Hills 4 ft. ap't	1 in.	6-10	60-85 "
Egg Plant.....	¼oz.	3 ft.	2 ft.	½in.	10-14	125-140 "
Endive.....	1 oz.	1-1½ ft.	12 in.	½in.	6-10	60-75 "
Kale.....	1 oz.	2 ft.	1-1½ ft.	½in.	5-10	90-120 "
Kohl Rabi.....	1 oz.	1½ ft.	8 in.	½in.	6-8	60-75 "
Leek.....	1 oz.	1 ft.	6 in.	½in.	6-10	120-150 "
Lettuce.....	1 oz.	1½ ft.	8-12 in.	½in.	6-10	60-80 "
Melon, Musk.....	½oz.	5 ft.	Hills 5 ft. ap't	½in.	6-10	100-120 "
Melon, Water.....	1 oz.	Hills 8 ft. ap't	8 ft.	1 in.	8-12	100-125 "
Onion.....	1 oz.	12 in.	2-3 in.	½in.	6-10	130-150 "
Okra.....	2 ozs.	3 ft.	10 in.	1 in.	6-10	75-90 "
Parsley.....	1 oz.	1 ft.	3-4 in.	½in.	18-24	85-100 "
Parsnip.....	1 oz.	1-2 ft.	4 in.	½in.	12-18	100-125 "
Pepper.....	½oz.	2 ft.	1½ ft.	½in.	10-14	125-150 "
Peas.....	2 lbs.	2-4 ft., according to height	1 in.	2 in.	6-10	50-75 "
Potato.....	10 lbs.	3 ft.	15-18 in.	4 in.	15-25	75-120 "
Pumpkin.....	1 oz.	Hills 8-10 ft. ap't	8-10 ft.	1 in.	6-10	100-125 "
Radish.....	1 oz.	1 ft.	1-2 in.	½in.	3-5	30-40 "
Ruta Baga.....	1 oz.	2-3 ft.	8 in.	½in.	4-8	90-100 "
Salsify.....	2 ozs.	15 in.	3-4 in.	1 in.	7-12	120-150 "
Spinach.....	1 oz.	1-1½ ft.	4 in.	½in.	6-12	50-65 "
Spinach, New Zealand.....	1 oz.	2 ft.	Hills 2 ft. ap't	1 in.	7-12	60-70 "
Squash, Bush.....	½oz.	Hills 3 ft. ap't	Hills 3 ft. ap't	1 in.	6-10	60-75 "
Squash, Running.....	¼oz.	Hills 6 ft. ap't	Hills 6 ft. ap't	1 in.	6-10	100-125 "
Swiss Chard.....	2 ozs.	1½ ft.	6 in.	1 in.	7-10	60-80 "
Tomato.....	25 plants	4 ft.	4 ft.	½in.	6-10	125-150 "
Turnip.....	1 oz.	1-1½ ft.	4-6 in.	½in.	4-8	60-80 "

# Planting Calendar

<b>FEBRUARY</b> (In hotbed)	Asparagus Roots Beets Early Cabbage Carrot Early Cauliflower Celery Cress Kohl Rabi Lettuce Mustard Onion Seed Onion Sets Parsley Peas Potato Radish Rhubarb Roots Spinach Swiss Chard Salsify Turnip	Cauliflower Celery Sweet Corn Cucumber Late Cabbage Late Cauliflower Endive Kale Kohl Rabi Leek Lettuce Melon Onion Parsley Peas Pumpkin Radish Salsify Spinach Squash Swiss Chard Herbs Okra Pumpkin Brussels Sprouts Turnip Set out plants of Early Cabbage Early Lettuce Early Cauliflower Early Beets Onion	Beets Brussels Sprouts Late Cabbage Carrot Sweet Corn Late Cauliflower Cucumber Endive Kale Kohl Rabi Lettuce Melon Okra Peas Pumpkin Radish Salsify Swiss Chard Squash Ruta Baga Set out plants of Celery Egg Plant Peppers Tomato	Okra Pumpkin Radish Squash Turnip Ruta Baga Set out plants of Celery Late Cabbage Late Cauliflower Endive Brussels Sprouts
<b>MARCH</b> (In hotbed)	All seeds mentioned in February table and Kohl Rabi Lettuce Early Beets	Set out plants of Early Cabbage Early Lettuce Early Cauliflower Early Beets Onion		
<b>APRIL</b> (In hotbed)	All seeds mentioned in February and March tables, also Cucumber Melon (Plant outdoors) Asparagus	<b>MAY</b> (Plant outdoors)	<b>JUNE</b> (Plant outdoors)	<b>AUGUST</b> (Plant outdoors)
	Artichoke Asparagus Bush Beans Lima Beans Beets Carrot			Bush Beans Corn Salad Cress Endive Kale Lettuce Early Peas Radish Spinach Turnip
				<b>SEPTEMBER</b> (Plant outdoors)
				Corn Salad Radish Spinach
				<b>JULY</b> (Plant outdoors)
				Beets Carrot Sweet Corn Corn Salad Cress Cucumber Endive Kohl Rabi

**HOSEA WATERER**  
Seedsman

Both Phones

626 CHESTNUT STREET - PHILADELPHIA, PA.

Established 1895





Lupinus

LINARIA

**Cymbalaria** (Kenilworth Ivy). Beautiful trailing plants with Pkt. violet flowers; useful for vases, baskets, etc.....\$0 10

LINUM · Flax

- Grandiflorum rubrum** (Scarlet Flax). An elegant, free- Pkt. flowering hardy annual, valuable for bedding; brilliant scarlet flowers. 12 inches.....oz. 40 cts...\$0 10
- Perenne**. A graceful, hardy perennial, producing bright blue flowers the entire summer. 1½ feet..... 10
- Perenne album**. A fine white-flowered form of the above..... 10

LOBELIA

Exceedingly pretty, profuse-blooming plants of great value, both in the garden and for hanging-baskets, window-boxes, and vases; especially prized for edgings of beds and borders. 6 inches.

Annual Varieties

- |   |        |
|---|--------|
|   | Pkt.   |
| <b>Blue Emperor</b> . Light blue; compact; very fine.....   | \$0 10 |
| <b>Compacta, Crystal Palace</b> . Dark blue. For borders and bedding.....   | 10     |
| <b>Compacta, Mrs. Clibran</b> . Deep blue with white eye; compact habit.....  | 10     |
| <b>Compacta, Snowball</b> . Compact habit; pure white.....  | 10     |
| <b>Erinus (gracilis)</b> . Blue. Fine for baskets or trailing purposes..  | 10     |
| <b>Hybrida, Sapphire</b> . Deep blue, pure white eye; used for balconies, flower-stands, and hanging-baskets.....                 | 20     |
| <b>Tenuior</b> . Flowers cobalt-blue, with white center. Of upright growth; about 15 inches high. Splendid for pots or bedding... | 15     |

Perennial Variety

Tall-growing hardy perennial, with showy spikes of richly colored flowers. They are indispensable for permanent beds and borders. 3 feet.

**Cardinalis** (Cardinal Flower). Long spikes of intense scarlet flowers. Pkt. 15 cts.

LUPINUS · Lupine  
Annual Varieties

Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various-colored pea-shaped flowers; valuable for mixed borders, beds and for cutting. 2 feet.

	Pkt.	Oz.	Pkt.	Oz.
Rich Blue.....	\$0 10	\$0 40	White.....	\$0 10 \$0 40
Sky-Blue.....	10	40	Mixed.....	10 40
Rose.....	10	40		

Perennial Varieties

- Hardy perennials, succeeding in any good garden soil; blooms in May and June. 3 feet. Pkt.
- Polyphyllus**. Blue.....\$0 10
- Polyphyllus albus**. White..... 10
- Polyphyllus roseus**. Rosy pink flowers..... 10
- Moerheimii**. Flowers rose and white; blooms nearly the whole summer. Habit rather dwarf..... 15
- Perennial Mixed**..... 10

LYCHNIS

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year, if sown early. Pkt.

**Arkwrightii**. (New.) Effective colors.....\$0 35

**Chalcedonica**. Fine scarlet flowers. 2 feet..... 10

**Chalcedonica, Salmon Queen**. Very pretty salmon-pink... 10

**Haageana**. Brilliant orange, scarlet, crimson, etc., in mixture. 1 foot..... 15

MARIGOLD

Marigolds afford a wealth of color that is simply invaluable. They are at their best when many other plants are past their prime. The African varieties are large-flowered, with long stems; the French are good for edging, and all of them are very effective, especially in an old-fashioned flower garden.

DOUBLE AFRICAN MARIGOLDS

- Orange Prince**. Enormous flowers of perfect shape; Pkt. ¼oz. deep golden orange. 2½ feet.....\$0 10 \$0 50
- Lemon Queen**. A charming color. 2½ feet..... 10 50
- Mixed**. 2½ feet..... 10 25

IMPORTED COLLECTION: Six varieties, 50 cts.  
For French Marigolds, see page 34



African Marigold





Mignionette, Machet

## FRENCH MARIGOLDS

<b>Double Dwarf Gold-striped.</b> Flowers beautifully striped and well formed. 10 inches.....	Pkt. \$0 10	1/4oz. \$0 40
<b>Double Dwarf Golden Ball.</b> A splendid pure golden yellow.....	10	40
<b>Double Finest Mixed.</b> Finest assortment saved from prize flowers: 1 foot.....	10	25
<b>Legion of Honor.</b> A single Marigold of great beauty. Flowers bright yellow blotched with brown. Admirably adapted for beds and edging. 9 inches.....	10	25

IMPORTED COLLECTION: Six varieties, 50 cts.

## MARVEL OF PERU

The well-known "Four o'Clocks." A handsome free-flowering garden favorite, blooming the first season from seed. 2 feet.

**Mixed Colors.** Pkt. 10 cts.; oz. 25 cts.

## MATRICARIA

Free-flowering, hardy annual plants, fine for bedding or for pot culture; blooms until frost. 1 1/2 feet.

**Capensis albo-pleno** (Double White Feverfew). Handsome double white flowers. Pkt. 10 cts.; 1/4oz. 25 cts.

## MIGNONETTE • Reseda

The wonderful, sweet, delicate fragrance of Mignionette has made it a favorite in every garden. Sow in April where plants are to remain and again later for a continuation of bloom until frost; can also be grown in pots for winter and early spring flowering.

<b>Machet.</b> Dwarf and vigorous grower, with large spikes of sweet-scented flowers. Fine for either greenhouse or outdoor culture.....	Pkt. \$0 10	1/4oz. \$0 25
<b>Golden Machet.</b> Thick, massive spikes of golden yellow fragrant flowers.....	10	25
<b>Defiance.</b> Spikes from 12 to 15 inches long; deliciously fragrant.....	10	25
<b>Goliath.</b> The immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks.....	15	50
<b>Triumph.</b> Strong, vigorous grower, with extra-long and large spikes.....	15	
<b>Sweet-scented.</b> The old variety with small spikes; very sweet scented.....	10	oz. 25 cts...

## MAURANDIA

Elegant, twining half-hardy perennial plants, with handsome foliage and tube-shaped flowers. It blooms early from seed the first season and is particularly adapted for house and conservatory; excellent for hanging-baskets, window-boxes, etc. 10 feet.

**Barclaiana, Finest Mixed.** Pkt. 10 cts.

## MIMULUS

A half-hardy perennial, growing from 6 inches to 1 foot high. Useful for window-gardens and pot-work, or for garden in a moist, shady situation. Blooms first year from seed if sown early.

**Moschatus** (Musk Plant). Fragrant plant with small, yellow blooms.....\$0 15

**Tigrinus** (Monkey Flower). Large flowers of several colors and spotted..... 10

## MIMOSA

**Pudica** (Sensitive Plant). A curious annual whose leaves instantly close up when touched. A neat plant for either pot or garden culture. 1 1/2 feet..... 10

## MOMORDICA

Handsome climbing annual with rich green foliage and golden yellow warted fruit. 10 feet. Pkt.

**Balsamina** (Balsam Apple). Round apple-shaped fruit.....\$0 10

**Charantia** (Balsam Pear). Pear-shaped fruit. The fruits of this variety are used medicinally..... 10

## MYOSOTIS • Forget-me-not

Most of the Forget-me-nots will bloom the first year from seed if sown early. If sown in July or August, in shaded frames, fine plants will be obtained for spring blooming.

**Alpestris, Victoria.** Of dwarf, compact growth, with long sprays of bright blue flowers, produced in dense umbels. 6 inches.....\$0 10

**Dissitiflora.** Very free-blooming, large-flowering; compact habit..... 15

**Palustris** (True Forget-me-not). Dark blue..... 10

**Palustris semperflorens.** Very dwarf; blooming from spring until autumn..... 15

**Eliza Fonrobert** (*M. robusta grandiflora*). Large-flowering, bright blue..... 10

**Royal Blue.** Flowers are of larger size and a deeper blue than any other; unexcelled for pot culture..... 10

**Oblongata perfecta.** Flowers borne on long stems; very suitable for winter flowering..... 15

## NEMESIA

Free-blooming dwarf bushes for pot culture and open borders. Sow in spring under glass, and transplant; or sow outdoors in May, in patches, where they are intended to flower. Seed sown in the autumn makes beautiful pot plants for early spring blooming.

**Blue Gem.** One of the most lovely little plants for edgings, small beds, or massing along the front of borders. The flowers are a beautiful bright blue.....\$0 15

**Strumosa Suttonii.** Large flowers in many rich and rare colors..... 15

**Dwarf Compact Hybrids.** A great variety of new and improved colors; very free-flowering. 9 inches..... 15



Myosotis (Forget-me-not)





Nasturtiums

## NASTURTIUMS

### DWARF OR TOM THUMB VARIETIES

Compact, bushy plants, just right for bedding, blooming freely from June until frost and furnishing splendid cut-flowers.

**Chameleon.** Various colors on one plant.

**Crystal Palace Gem.** Yellow, maroon blotches.

**Empress of India.** Fiery crimson; dark foliage.

**Golden King.** Golden yellow; dark foliage.

**King Theodore.** Crimson-maroon; dark foliage.

**King of Tom Thumbs.** Dark scarlet; dark leaves.

**Pearl.** Creamy white.

**Prince Henry.** Pale yellow, carmine blotches.

**Regelianum.** Deep, purplish crimson.

**Rose.** Soft carmine-rose.

**Spotted.** Golden yellow, spotted garnet.

**Vesuvius.** Rich deep apricot; dark foliage.

Any of the above dwarf sorts, pkt. 5 cts.; oz. 20 cts.; ¼lb. 60 cts.

**COLLECTION:** One pkt. each of above 12 varieties, 50 cts.

**Superb Mixture of Fancy Dwarf Nasturtiums.** The cream of the Dwarf Nasturtiums in a special blend. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

### TALL OR CLIMBING VARIETIES

Of quick growth, covering a wall, hedge, or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. 6 to 8 feet.

**Chameleon.** Richly colored flowers on same plant.

**Crimson.** Velvety crimson.

**Gold Garnet.** Orange-yellow, garnet blotches.

**Jupiter.** Golden yellow.

**King Theodore.** Crimson-maroon, dark foliage.

**Orange.** Pure orange.

**Pearl.** Creamy white.

**Prince Henry.** Pale yellow, carmine blotches.

**Rose.** A lovely shade of ruby-rose.

**Schulzii.** Rosy scarlet, dark foliage.

**Vesuvius.** Rich deep apricot.

**Yellow.** Pure yellow.

Any of the above tall sorts, pkt. 5 cts.; oz. 20 cts.; ¼lb. 60 cts.

**COLLECTION:** One pkt. each of above 12 varieties, 50 cts.

**Superb Mixture of Fancy Tall Nasturtiums.** A special blend, embracing all of the finest named varieties. Both plain and fancy-leaved sorts. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

### LOBB'S CLIMBING VARIETIES

Both foliage and flowers of this type are slightly smaller than those of the common Tall Nasturtiums, but the wonderful profusion of bloom and intense brilliancy of colors make it particularly desirable. 6 to 8 feet.

**Lobb's Finest Mixed.** Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. \$1.50.

## NEMOPHILA

Very pretty, dwarf-growing, hardy annuals of easy culture; continuous bloomers; cup-shaped flowers of brightest colors. Good in pots, edgings, rockeries or beds; moist soil and partial shade is favorable for them.

**Insignis.** Sky-blue..... Pkt. \$0 10  
**Mixed**..... 10

## NICOTIANA • Flowering Tobacco

Long, tube-shaped, sweetly-scented flowers. Attractive plants for large beds and borders. 3 feet. Pkt.

**Affinis.** Large, pure white flowers; very fragrant. ¼oz. 25 cts. \$0 10

**Sanderæ Hybrids.** Very bushy plants, branching freely from near the base and giving a continuous display of large, tubular flowers in shades of carmine, rose, and pink..... 10

**Sylvestris.** Plants of pyramidal growth, 4 feet high, with fine deep green foliage. Pure white, fragrant, drooping flowers, borne in loose heads..... 10

## NIGELLA • Love-in-a-Mist

**Miss Jekyll.** Bushy plants about 12 to 15 inches high, with clear cornflower-blue flowers of large size, surrounded by slender, mistlike foliage; lovely for cutting... ¼oz. 25 cts. 10

**Miss Jekyll, White.** A white form of the preceding..... 10

## PANSY

**WATERER'S EXHIBITION PRIZE, MIXED.** This is a superb mixture of the largest and best types in an immense variety of brilliant colors. Pkt. 50 cts.; ¼oz. \$1; ¼oz. \$3; oz. \$10.

**Cassier's Large-flowered Blotched.** Very fine large-flowered mixed..... Pkt. Large-pkt. \$0 25 \$0 75

**Odier's Five-spotted.** Extra choice. We can strongly recommend this strain..... 25 75

**Triumph of the Giants.** Plants of robust growth with large flowers, mostly curled; rich variety of color.... 25 75

**English Show.** Extra-fine strain; splendid variety of color with good form..... 25 75

**Masterpiece.** Very fine blooms, beautifully blotched; very rich colors..... 25 75

**English Prize.** Seed saved from the finest collection of prize plants..... 50 1 00

**Giant Prize, Light Blue.** Ultramarine-blue with violet eye..... 15 50

**Giant Prize, Golden Queen.** Bright golden yellow, marked in the center with a few dark stripes..... 15 50

**Giant Prize, Golden Yellow.** Bright golden yellow, with large brown eyes..... 15 50

**Giant Prize, Dark Blue.** Rich dark blue; large, fine... 15 50

**Giant Prize, Lord Beaconsfield.** Deep violet, shading to white on the upper petals..... 15 50

**Giant Prize, Snow Queen.** Satin-white, center slightly tinged with yellow..... 15 50

**Giant Prize, White.** White flowers with dark eye... 15 50

**Parisian Large Stained.** Very showy strain of Trimardeau, fine large flowers..... 15 50

**Choice Mixed.** Extra fine; great variety..... 10 25



Exhibition Pansy





Single Petunias

## PENTSTEMON

Hardy herbaceous plants which produce continuously an abundance of brilliant flowers, somewhat like the foxglove, but mostly with white throats. Make a fine border flower. Sow seeds in a pan of light soil, and transplant. 2 to 3 feet.

**Grandiflorus, Excelsior.** The plants of this fine variety Pkt. attain a height of about 2½ feet. The blooms are a great size, almost as large as a gloxinia, and range in color from white to deep scarlet. \$0 25

## PETUNIAS

Petunias are showy in beds, and bloom continuously throughout the summer. Sow the seed in pots or flats in the house or hotbed in February or March, or in the garden as soon as the soil is warm. Cover the seed but lightly, as it is very fine.

**Large-flowering Single Fringed.** An unrivaled strain, producing large, beautiful flowers of the richest colors, with fringed edges. Pkt. \$0 25

**Superb Large-flowering Double Fringed.** Our seed of these is of unsurpassed excellence. Finest mixed. 50

**Giants of California.** Flowers very large and of bright and desirable colors. 25

**IMPORTED COLLECTION: Six single Fringed varieties, 75c.**

**IMPORTED COLLECTION: Six double Fringed varieties, \$1**

## BALCONY PETUNIAS

A splendid, large and free-flowering type for window-boxes, vases, hanging-baskets, etc. The flowers average 3 inches across and make a very effective display over a long season. Pkt.

**Balcony Blue.** Velvety indigo-blue. \$0 20

**Balcony Rose.** Brilliant rose-pink. 20

**Balcony White.** The pure white form. 20

**Balcony Crimson.** Rich velvety crimson. 20

## SINGLE BEDDING PETUNIAS

**Adonis.** Fiery carmine, white throat; very free-bloom- Pkt. ½ oz. ing and compact, fine for bedding or pots. \$0 15 \$0 75

**Feltham Beauty.** Great variety of color, ranging from white to deepest rose. 1 foot. 25

**Rosy Morn.** Bright rosy pink, white throat; compact and free-flowering. 15 75

**Howard's Star.** Rich crimson, with distinct white star in center. 15 50

**Snowball.** A fine compact sort, producing its pure white flowers throughout the entire season. 10 50

**Viola.** A beautiful steel-blue or deep violet, with no trace of magenta. 15 75

**Finest Mixed.** A choice mixture of color and shades. 10 35

## PHYSOSTEGIA • False Dragonhead

One of the most beautiful of our summer-flowering perennial border plants. It forms dense bushes, bearing a profusion of delicate tubular flowers in July and August. 3 to 4 feet.

**Virginica.** Pink. Pkt. 10 cts.

## PHLOX DRUMMONDI

## Large-flowering Varieties

For a splendid mass of color and a constant display, *Phlox Drummondii* is not excelled by any other annual. It has every desirable quality for this purpose, and for beds, edgings, and massings nothing can surpass it. Seed may be sown in the open ground any time after danger from frost is past. 1 foot.

	Pkt.	Large pkt.
White.....	\$0 10	\$0 40
Shell-Pink.....	10	40
Deep Rose.....	10	40
Bright Scarlet.....	10	40
Scarlet with White Eye.....	10	40
Yellow.....	10	40
Choicest Mixed. Splendid, large-flowering sorts.....	10	
1/4 oz. 40 cts.; oz. \$1.25..		

**IMPORTED COLLECTION: Twelve varieties, 75 cts.**

## DWARF PHLOX

Plants of this charming section grow 6 to 8 inches high and produce dense masses of bloom all summer. Excellent for beds, edgings, pots, etc. Pkt.

Brilliant Rose.....	\$0 15
Fiery Scarlet.....	15
Pure White.....	15
Choice Mixed.....	15
Star Phlox ( <i>P. cuspidata</i> ). Beautiful star-shaped flowers of various colors.....	1/4 oz. 40 cts... 10

## PHLOX DECUSSATA

The hardy Phloxes are splendid old-fashioned border flowers, lasting for years when once established on good soil, and blooming from July until September. The seed germinates slowly and irregularly over a period of six months. 3 feet.

**Finest Mixed.** Saved from the newest and best large-flowering varieties. Pkt. 15 cts.; 1/4 oz. \$1.

## PLATYCODON

The large-flowering Chinese Bellflower. It is a hardy perennial, bearing large, broad, bell-shaped white or blue flowers; very handsome for garden decoration. 2 feet. Pkt.

Grandiflorum, Blue.....	\$0 10
Grandiflorum, White.....	10

## PORTULACA

Beautiful little hardy annual plants which bloom profusely all summer. Their richly colored flowers make an effective and brilliant display when planted in beds, edgings, or rockwork. ½ foot.

	Pkt.	1/4 oz.
Single Golden Yellow.....	\$0 10	\$0 35
Single Scarlet.....	10	35
Single White.....	10	35
Single Mixed. All colors.....	10	25
Double Choicest Mixed. Contains all the best double varieties.....	10	75



Phlox Drummondii





Single Shirley Poppies

POPPIES

Sow the seed where they are to remain, as they do not stand transplanting. Several sowings may be made at intervals for a succession of bloom.

SINGLE ANNUAL VARIETIES

<b>American Legion.</b> This new single Shirley is a dazzling orange-scarlet of enormous size, borne on long, stout stems.....	Pkt. 1/4oz.	\$0 10 \$0 25
<b>Dainty Lady.</b> Immense flowers 4 to 5 inches across, of a charming shade of rosy mauve, with a large dark metallic blotch at the base of each petal.....	10 20	
<b>Shirley.</b> (Santa Rosa Strain.) Most beautiful strain of single Poppies. The colors range through all shades of delicate rose, pink, carmine and brilliant crimson. 2 feet.....	oz. 75 cts. 10 25	
<b>Black Prince.</b> New. A single-fringed Poppy of black-brown hue, with dark violet reflection, which, with the almost white anthers, form a striking contrast.....	10 20	
<b>Charles Darwin.</b> Annual Poppy, growing 2 to 2 1/2 feet high and remarkable for its new color, a rich dark purple, adorned with a black spot at base of petals....	10 20	
<b>Virginia.</b> Large, beautifully fringed flowers of pure white, edged with soft pink.....	10 20	
<b>King Edward.</b> Deep scarlet-red with large black blotch on each petal. 2 1/2 feet.....	10 20	
<b>Admiral.</b> A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top.....	10 20	
<b>The Bride.</b> A beautiful variety, with very large, pure white, perfectly formed flowers.....	10 20	
<b>Danebrog</b> (Danish Flag). Single scarlet flowers, with a large white blotch on each petal. 2 feet.....	10 20	
<b>Single Mixed.</b> Annual sorts.....	oz. 25 cts. 10	

IMPORTED COLLECTION OF SHIRLEY POPPIES: Twelve varieties, 75 cts.

DOUBLE ANNUAL VARIETIES

<b>American Flag.</b> Beautiful variety with very large and double flowers of snow-white, bordered with scarlet....	Pkt. Oz.	\$0 10 \$0 30
<b>Cardinal.</b> A splendid variety, growing about 2 feet high and bearing large, globular, fringed flowers of an intense cardinal-red.....	10 30	
<b>Eldorado.</b> New double Shirley Poppy. Beautiful shades.....	1/4oz. 35 cts. 10 1 00	

DOUBLE ANNUAL POPPIES, continued

<b>Mikado.</b> Double; white-fringed petals, tipped with Pkt. scarlet. 2 feet.....	\$0 10	\$0 30
<b>Shell-Pink.</b> Similar in every way to Cardinal and White Swan, except color, which is a soft seashell or chamois-pink.....	10	30
<b>White Swan.</b> Immense double flowers, beautifully fringed, and of purest white.....	10	30
<b>Carnation-flowered.</b> Finest mixed double; large showy flowers. 2 feet.....	10	25
<b>Peony-flowered, Mixed.</b> Splendid, large, double flowers of all colors.....	10	25

HARDY PERENNIAL VARIETIES

There are no flowers more ornamental and useful in our gardens than the various varieties of hardy Poppies. Once started they increase in size and beauty each succeeding season. Perennial Poppies may be sown from June to August, to bloom the following summer.

<b>Orientele</b> (Oriental Poppy). The beautiful, brilliant dark Pkt. scarlet, hardy Poppy.....	\$0 10	
<b>Orientele Hybrid.</b> These Hybrids contain many new colors, including white, blood-red, salmon, glowing scarlet, etc.....	15	
<b>Orientele, Excelsior.</b> A very fine mixture, ranging from delicate salmon to deep crimson.....	25	
<b>Orientele Hybrid, Mrs. Perry.</b> Orange-apricot, very fine....	15	
<b>Orientele Hybrid, Princess Victoria Louise.</b> Bright salmon-scarlet.....	15	
<b>Iceland</b> ( <i>Papaver nudicaule</i> ). They grow about a foot high, and are covered with masses of bright, satiny scarlet or orange-scarlet flowers. Finest mixed.....	1/4oz. 40 cts. 10	

PRIMULA CHINENSIS · Chinese Primrose

One of our finest free-flowering winter house plants. Our strains may be relied on as being of the finest procurable.

<b>Alba magnifica.</b> Pure white, with yellow eye. One of the Pkt. finest.....	\$0 50	
<b>Chiswick Red.</b> Rich deep rose.....	50	
<b>Crimson King.</b> The deepest and richest crimson-scarlet color in Primulas.....	50	
<b>Duchess.</b> Pure white, with large bright carmine center.....	50	
<b>Holborne Blue.</b> A beautiful shade.....	50	
<b>Orange King.</b> Orange-salmon, shaded with terra-cotta. Very beautiful.....	50	
<b>Excelsior Mixed.</b> A magnificent strain of Giant Primula....	50	
<b>Stellata.</b> Large heads of star-shaped flowers of various colors...	50	

PRIMULA OBCONICA

<b>Gigantea Kermesina.</b> Rich crimson.....	25	
<b>Gigantea cœrulea.</b> Blue.....	25	
<b>Gigantea, Eureka.</b> Rich, rosy carmine, with clear yellow eye..	25	
<b>Gigantea rosea.</b> Pure rose color.....	25	
<b>Gigantea, Mixed.</b> All colors.....	25	
<b>Grandiflora alba.</b> Pure white.....	25	
<b>Grandiflora Kermesina.</b> Bright crimson.....	25	
<b>Grandiflora rosea.</b> Beautiful clear rose.....	25	
<b>Grandiflora, Mixed.</b> All colors.....	25	

For other varieties of Primula, see page 38



Primula obconica





Hardy Primulas

## VARIOUS PRIMULAS

	Pkt.
<b>Kewensis.</b> The flowers are a bright yellow in color and fragrant.....	\$0 25
<b>Malacoides.</b> Light lilac, branching habit.....	25
<b>Malacoides alba.</b> Pure white.....	25
<b>Malacoides fl.-pl.</b> (New.) Double; deep, rosy pink.....	25
<b>Malacoides fimbriata.</b> (New.) The flowers, of a lovely pink hue, are beautifully and delicately fringed.....	35
<b>Malacoides, Pink Beauty.</b> A new and very remarkable variety, with large flowers of a beautiful rosy pink; almost shading to mauve.....	35
<b>Malacoides superba.</b> New improved variety, of a deep rosy pink color.....	25

## HARDY PRIMULAS

These are among the best of the early spring-blooming plants. With slight protection they will stand the winter, but will do better if protected by a coldframe.

<b>Auricula.</b> A well-known variety of great beauty; brilliant-colored flowers in umbels, ranging in colors of maroon, purple, crimson, and yellow. Choice mixed from prize flowers.....	Pkt. \$0 25
<b>Polyanthus</b> ( <i>P. elatior</i> ). The colors range from white to deep maroon; the yellow, rose, and crimson shades being particularly fine. 9 inches. Finest mixed.....	25
<b>Japonica, Mixed.</b> One of the finest Primroses for the garden, producing several whorls of large flowers, on erect stems, varying from white to crimson. 1½ feet.....	15
<b>Vulgaris</b> (English Primrose). Flowers fragrant, canary-yellow color.....	15

## PYRETHRUM

Hardy perennials, bearing single and double aster-like flowers on long stalks; excellent for cutting. 2 feet. Pkt.

<b>Hybridum grandiflorum.</b> Large-flowering single mixed.....	\$0 15
<b>Hybridum fl.-pl.</b> Finest double hybrids. Seed saved from the finest collection.....	25
<b>Aureum</b> (Golden Feather). Dwarf bedding plant, with yellow, fern-like leaves, useful for edging beds and borders.....	10

## RICINUS • Castor-Oil Bean

Handsome, ornamental foliage plants with gigantic leaves; very showy when massed together in groups, or large beds, or as a single specimen on the lawn.

<b>Bourboniënsis arboreus.</b> Large and handsome green foliage. 10 to 15 feet.....	Pkt. \$0 10	Oz. \$0 25
<b>Cambogensis.</b> Large leaves of a brilliant bronzy red-maroon; stalks nearly black. 5 feet.....	10	25
<b>Gibsoni.</b> Dark purplish red foliage. 5 feet.....	10	25
<b>Sanguineus.</b> Red stalks; scarlet fruit. 8 feet.....	10	25
<b>Zanzibarensis, Mixed.</b> Very tall, stately plants with leaves of enormous size, varying in color from light green to purplish red. 12 to 14 feet.....	10	25
<b>Mixed.</b> All sorts.....	10	20

## RHODANTHE

A well-known and splendid everlasting; valuable for the decoration of the conservatory and flower-garden. 1 foot.

**Mixed Colors.** Pkt. 10 cts.

## RUDBECKIA

**Bicolor superba** (Coneflower). Fine free-flowering annual, Pkt. growing about 2 feet high, forming a dense bush and producing an abundance of bright yellow flowers with brown central disc; fine for cutting..... ¼ oz. 25 cts. \$0 10

## SALPIGLOSSIS • Painted Tongue

Easy-growing annual plants with large funnel-shaped flowers, beautifully tinted and veined in rich shades; blooms from early summer until late fall. 2 feet.

	Pkt. Large pkt.		Pkt. Large pkt.
<b>Crimson.</b> .....	\$0 10 \$0 40	<b>Rose and Gold.</b> .....	\$0 10 \$0 40
<b>Primrose.</b> .....	10 40	<b>Scarlet and Gold.</b> .....	10 40
<b>Purple and Gold</b> .....	10 40	<b>White and Gold.</b> .....	10 40

**COLLECTION:** One pkt. each of above 6 varieties, 50 cts.  
**Finest Mixed.** All colors. Pkt. 10 cts.; ¼ oz. 40 cts.

## SCARLET RUNNER BEANS

An ornamental climber, growing about 10 feet high, bearing large sprays of bright scarlet flowers, followed by edible beans. Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.

## SALVIA • Scarlet Sage

Salvias make a striking display, with their long, brilliant flower-spikes. They bloom continuously from early summer until frost. Sow seed as early as possible, in shallow boxes or pots in the greenhouse or coldframe. When plants are large enough, transplant singly into small pots, and set out when all danger of frost is past. May also be sown in the open ground in May.

<b>America.</b> Of dwarf, bushy, compact growth, and very uniform in height and shape. A free and continuous bloomer; produces large spikes of brilliant scarlet flowers ½ oz. 75 cts. \$0 25	Pkt.
<b>Bonfire.</b> Compact bushy plants, 2 feet high, producing innumerable erect spikes of brilliant scarlet flowers.....	10
<b>Fireball.</b> A dwarf early-flowering variety with long spikes of brilliant scarlet flowers. 1½ feet.....	15
<b>Splendens.</b> Tall-growing plants with bright scarlet flowers. 3 feet.....	10
<b>Zurich.</b> One of the earliest flowering; plants are of dwarf, bushy growth and produce an abundance of bright scarlet flowers from early July until frost. 1½ feet.....	25
<b>Farinacea, Blue.</b> A perennial variety, but best grown as an annual. Seed sown in the open ground in May blooms from July to frost. The light blue flowers are borne on long spikes, held above the foliage. 2 feet.....	15

## SANVITALIA

**Procumbens fl.-pl.** Beautiful dwarf-growing, hardy annual for beds or borders; bright yellow, double flowers; blooms all summer. 6 inches..... 10



Pyrethrum hybridum





Scabiosa

SCABIOSA

Mourning Bride; Pin-Cushion Flower; Sweet Scabious

One of our finest annuals for cutting, and very showy in the garden; easily raised from seed. Blooms continuously from early summer until frost in a wide range of rich and beautiful colors. 2½ feet.

Annual Varieties  
Improved Large-flowering

	Pkt.	¼oz.
Azure Fairy. Lavender-blue.....	\$0 10	\$0 30
Crimson. Rich rosy crimson.....	10	30
Flesh-Pink. Delicate pink.....	10	30
King of the Blacks. Velvety black-purple.....	10	30
Rose. Soft rose-color.....	10	30
White. Pure white.....	10	30

COLLECTION: One pkt. each of above 6 colors, 50 cts.  
Mixed. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 60 cts.

Perennial Varieties

Caucasica. A hardy perennial variety with large pale blue flowers on long stems; valuable for cutting. 3 feet.....	Pkt. \$0 25
Japonica. Beautiful lavender-blue flowers. 2½ feet.....	15

SCHIZANTHUS · Butterfly Flower

Very beautiful and showy hardy annuals, fine for beds and borders in the summer garden. Grown in pots in early spring in the greenhouse they become elegant foliage plants, with masses of flowers. 1½ to 2 feet. Pkt.

Wisetonensis. The colors range from soft pink to dark brown..	\$0 25
Wisetonensis, Excelsior. This may be described as a much larger flowering strain of Wisetonensis.....	50
Wisetonensis, Pink Pearl. Glistening white, with rosy pink margin to petals.....	50
Garraway's Hybrids. A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors.....	25
Mixed. A very fine strain of this popular and showy annual. The compact pyramidal plants grow 1½ feet high and produce bright, showy blooms in a great range of colors.....	15

SMILAX

A popular greenhouse climber with small, dark green foliage of great value for floral decoration. 8 to 10 feet. Pkt. 10 cts.; ¼oz. 25 cts.

SOLANUM

The Solanums are very ornamental, fruit-bearing plants, and thrive best in light, rich soil. Fine for winter decoration in the house or conservatory, and especially desirable for the Christmas season. If used in the summer garden, give a very warm situation. 1 foot.

Capsicastrum (Jerusalem Cherry). Scarlet; fine for pots. Pkt. 10c.

STATICE · Sea Lavender

Pretty plants in beds or borders of the summer garden, and also good for rockwork; much valued when dried as Everlastings for winter bouquets. 1 to 2 feet. Pkt.

Latifolia. Purplish blue flowers.....	\$0 10
Mixed. Containing many sorts.....	10

STEVIA

Serrata. Free-blooming plants for summer or winter use, bearing a profusion of fragrant white flowers that are excellent for cutting. 2 feet..... 10

STOKESIA · Cornflower Aster

This popular hardy perennial bears, all summer, large, attractive flowers resembling semi-double asters; fine for cut-flowers. 2 feet. Cyanea. Lavender-blue. Pkt. 15 cts.

STOCKS · Gilliflower

One of the most popular annuals, either for bedding or pot culture. Sow in spring, either in boxes or in open ground, and when transplanting to where they are intended to flower, care should be taken not to discard the smaller seedlings, which usually produce the best double flowers, the large coarse plants being often all singles.

CUT-AND-COME-AGAIN 10-WEEKS' STOCKS

This type is especially recommended for cutting. The plants branch freely, and send up numerous long spikes of fragrant double flowers in continuous succession. 1½ feet. Pkt.

Brilliant. Blood-red.....	\$0 15
Creole. Canary-yellow.....	15
La France. Rose.....	15
May Queen. Pale blue.....	15
Princess Alice. White.....	15
Sapphire. Violet.....	15
Victoria. Silvery lilac.....	15
Finest Mixed. All colors.....	½oz. 75 cts. 15

Other varieties of Stocks on page 40



Stokesia cyanea (Cornflower Aster)



## LARGE-FLOWERING 10-WEEKS' STOCKS

This class is a favorite for outdoor bedding. 1 foot.

	Pkt.
Blood-Red.....	\$0 10
Light Blue.....	10
Bright Pink.....	10
Purple.....	10
Pure White.....	10
Canary-Yellow.....	10
Finest Mixed. All colors.....	1/8 oz. 50 cts. 10

## MAMMOTH-FLOWERING BEAUTY STOCKS

Particularly adapted for the greenhouse, to provide cut-flowers during the winter.

	Pkt.
Abundance. Carmine-rose.....	\$0 15
Beauty of Nice. Delicate flesh-pink.....	15
Bright Violet. Violet-blue.....	15
Crimson King. Brilliant crimson.....	15
Empress Elizabeth. Bright carmine.....	15
Monte Carlo. Canary-yellow.....	15
Queen Alexandra. Soft rosy lilac.....	15
Deep Lilac.....	15
White Lady. Snow-white; very double.....	15



Stocks, Gilliflower

## SUNFLOWER • Helianthus

All the varieties we list are useful for cutting, especially the miniature sorts, which bear their flowers on slender stems and form neat bushes 3 to 4 feet in height.

Cucumerifolius (Miniature Sunflower). Small, single, rich yellow flowers.....	1/4 oz. 25 cts. \$0 10
Cucumerifolius, Stella. Single; bright yellow with black center.....	1/4 oz. 25 cts. 10
Cucumerifolius, Orion. Cactus-flowered; golden yellow, with pointed petals finely twisted and curled.....	1/4 oz. 30 cts. 10
Red Sunflower. Dark-centered brilliant flowers, banded with bright chestnut-red, merging to yellow at the tips of the petals. 6 feet.....	1/4 oz. 30 cts. 10
Double Californian ( <i>H. californicus fl.-pl.</i> ). Large, deep yellow flowers of perfect form. 6 feet.....	1/2 oz. 40 cts. 10
Globosus fistulosus. Rich saffron color; flowers large and double. 6 feet.....	1/2 oz. 40 cts. 10
Nanus fl.-pl. Dwarf, double orange flowers; 4 feet.....	1/2 oz. 40 cts. 10



Sunflowers

## HARDY PERENNIAL SUNFLOWER

**Mixed.** A mixture of the finest single-flowering hardy perennial sorts. Seed sown early will produce flowering plants the first year..... \$0 15

## SWEET ROCKET • Hesperis

A desirable hardy perennial plant; excellent for naturalizing among shrubbery or for planting in a permanent border.

**Mixed.** Fragrant white and purple flowers. 2 to 3 feet. Pkt. 10 cts.; oz. 50 cts.

SWEET WILLIAM (*Dianthus barbatus*)

A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.

**Pink Beauty** (Newport Pink). A beautiful shade of salmon-pink; very large heads on long stems..... \$0 15

**Scarlet Beauty.** Large heads of an intense scarlet color; very striking..... 15

**Holborn Glory.** Giant-flowering varieties in finest assortment of colors..... 1/4 oz. 25 cts. 10

**Single White**..... 1/4 oz. 25 cts. 10

**Single Mixed**..... 1/4 oz. 25 cts. 10

**Double Mixed.** Special strain..... 1/4 oz. 30 cts. 10

## IMPORTED COLLECTION: Six varieties, 50 cts.

**Latifolius atrococcineus fl.-pl.** (Everblooming Hybrid Sweet William). A brilliant crimson-scarlet variety that is very effective in any position. Pkt. 15 cts.



Sweet William



## SPENCER OR ORCHID-FLOWERED SWEET PEAS

In exquisite form and range of beautiful colors there are no flowers to compare with Sweet Peas. New and more beautiful varieties are being constantly introduced. We offer the cream of the Spencer sorts that have been tested and found to be of true merit and distinct color; every color and shade is represented in the list below.

Make a trench 6 inches deep; in this sow the seed and cover 2 inches. As vines grow, gradually fill trench with soil, and thin to 4 inches apart. For early flowers sow in beginning of November, in a dry situation, 6 or 8 inches deep, giving level culture. Make spring sowings just as soon as ground can be prepared. Sweet Peas should not be grown in same soil year after year.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE



Spencer or Orchid-flowered Sweet Peas

## DWARF CUPID SWEET PEAS

Compact plants growing 6 inches high and 12 to 15 inches in diameter, and from June until late summer are literally a sheet of bloom.

**Finest Mixed.** All colors. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
<b>Austin Frederick Improved.</b> A lovely soft lavender; large flowers, beautifully waved....	\$0 10	\$0 30	\$0 50
<b>Blanche Ferry Spencer.</b> Rose standard; white wings, tinted light pink.....	10	25	40
<b>Countess Spencer.</b> Beautiful soft rose-pink. One of the best .....	10	25	40
<b>Constance Hinton.</b> The white flowers are of largest size, and best Spencer form. (Black seed.) .....	10	25	40
<b>Crimson King.</b> (New.) Magnificent, large, rich, ox-blood-crimson flowers. A distinctly new shade of crimson—very bright .....	25	60	1 00
<b>Daffodil.</b> (New.) Large; very deep primrose... ..	25	60	1 00
<b>Daisy Bud.</b> Soft, pale rose-pink.....	10	25	40
<b>Florence Nightingale.</b> A soft, clear, rich lavender.....	10	25	40
<b>Giant White.</b> (Black seed.) Large-flowered white variety.....	10	35	60
<b>Hawmark Cerise.</b> Bright salmon-cerise....	10	25	40
<b>Hawmark Pink.</b> Rose-pink, flushed salmon..	10	25	40
<b>Hebe.</b> Beautiful shade of clear silver-pink; immense flower.....	10	25	40
<b>Hercules.</b> A magnificent soft rose-pink self... ..	10	25	40
<b>Jean Ireland.</b> Beautiful cream-color, edged with pink.....	10	25	40
<b>Jack Cornwell, V. C.</b> A very fine dark blue of enormous size and excellent form.....	10	25	40
<b>King Edward Spencer.</b> Bright crimson-scarlet of largest size.....	10	25	40
<b>Margaret Atlee.</b> A rich glowing pink on cream ground; beautiful.....	10	25	40
<b>Mr. Tom Jones.</b> Deep amethyst-blue. The best of the deep blues.....	10	25	40
<b>Powerscourt.</b> (New.) Very large-flowered lavender.....	25	60	1 00
<b>Ravenswing.</b> Dark maroon.....	10	25	40
<b>R. F. Felton.</b> Exquisite, soft lavender-blue with slight suffusion of rose.....	10	25	40
<b>Royal Purple.</b> Rich, wavy, rosy purple; immense flowers.....	10	25	40
<b>Royal Scot.</b> A very fine new cerise. Exceptionally large and beautiful.....	10	25	40
<b>Sunproof Scarlet.</b> The brightest scarlet Sweet Pea.....	10	30	50
<b>Tangerine Improved.</b> Rich salmon-orange..	10	30	50
<b>Wedgwood.</b> Bright silvery blue.....	10	25	40
<b>Youth.</b> (New.) An extremely large white picotee-edged variety. The rose picotee edge is clear and is retained after cutting. A truly magnificent flower.....	25	60	1 00

## EARLY-FLOWERING SPENCER SWEET PEAS

The Winter-flowering Spencers are now grown almost exclusively for winter bloom and are in great demand by florists. They are equally desirable, however, for outdoor planting, as they come into bloom two to three weeks ahead of the standard Spencer varieties, and, if kept cut, will continue to bloom nearly as long.

**Price, any of the following, pkt. 15 cts.;  $\frac{1}{2}$  oz. 60 cts.; oz. \$1**

- Aviator.** Rich, live crimson-scarlet.  
**Bluebird.** A splendid rich, deep blue.  
**Glitters.** Standard bright fiery orange; wings deep orange.  
**Heather Bell.** The color is a rich but pleasing mauve, but after standing in water becomes a beautiful mauve-lavender.  
**Hercules, Early.** Giant soft rose-pink.  
**Lavender King.** A rich, true, deep lavender throughout.  
**Melody.** Rosy pink on white ground; long stems; flowers large and well waved.  
**Mrs. A. A. Skach.** Shell-pink; beautifully waved.  
**Pink and White, Early.** Giant flowers of pink and white.  
**Rose Queen.** A beautiful shade of rose-pink.  
**Snow Flake.** Pure white. The blossoms are very large and of the best waved Spencer form.  
**Song Bird.** Pale pink on white ground; the flowers are borne on long stems in threes and fours.  
**Spring Maid.** Light pink on a cream ground.  
**Yarrowa.** Bright rose-pink; wings light pink; large; free bloomer.

## SUPERB MIXTURE OF SPENCER SWEET PEAS

A superb blend of the better sorts. It will produce a lavish display of the largest and most attractive flowers in almost endless variety. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50.



## TAGETES

- Signata pumila.** A pretty little Marigold, forming Pkt. 1/4oz.  
a compact, round bush, with slender fern-like foliage  
and densely covered with flowers of bright yellow,  
striped brown. A first-class border plant. \$0 10 \$0 50
- Signata pumila, Golden Gem.** A much-improved  
dwarf, compact variety. Flowers very freely produced  
and thrown well above the foliage. 15 75

## THUNBERGIA • Black-eyed Susan

Beautiful, rapid-growing, annual climbers, used extensively in hanging-baskets, vases, etc. Very pretty flowers in buff, white and orange, with dark eyes. 4 feet. Pkt.

- Alata.** Flowers buff, with dark eye. \$0 10  
**Alata alba.** White, with dark eye. 10  
**Aurantiaca.** Orange, with dark eye. 10  
**Mixed.** All colors. 1/4oz. 40 cts. 10

## TRITOMA

Red-hot Poker; Flame Flower; Torch Lily

- Hybrida.** A valuable half-hardy perennial border plant, easily raised from seed and flowers the same year. If sown in heat in January or February, the plants will commence to throw up their attractive scarlet and yellow flower-spikes in July or August. Most useful for the herbaceous border and for cutting. 3 feet. 15

## TORENIA

A beautiful free-flowering tender annual, splendid for vases, hanging-baskets, borders, etc. If started in heat in February or March, they commence to bloom in June and continue until frost. 10 inches.

- Fournieri.** Sky-blue, with three spots of dark blue and a bright yellow throat. Pkt. 15 cts.

## VALERIANA • Garden Heliotrope

Showy, hardy border plants with large heads of white and red flowers on 3-foot stems, emitting a delicate heliotrope odor. Pkt.

- Mixed.** 1/4oz. 25 cts. \$0 10

## VERONICA

- Spicata** (Speedwell). An elegant hardy perennial, growing 1 1/2 feet high, bearing spikes of bright blue flowers in June and July. 10

## VINCA • Madagascar Periwinkle

Ornamental free-blooming plants, with dark laurel-like foliage and handsome pink and white flowers. Seed should be sown early and the plants will bloom the first summer. They can be taken up in the fall, potted, and kept in bloom through the winter. Seed germinates slowly. 1 1/2 feet.

- |                                  |        |        |
|----------------------------------|--------|--------|
|                                  | Pkt.   | 1/4oz. |
| <b>Rosea.</b> Rose, dark eye.    | \$0 10 | \$0 50 |
| <b>Alba.</b> White, crimson eye. | 10     | 50     |
| <b>Alba pura.</b> Pure white.    | 10     | 50     |
| <b>Mixed.</b>                    | 10     | 40     |

## VIOLAS • Tufted Pansies

These have smaller flowers than the regular pansies, but bear them so profusely that they are preferred for bedding effects where color only is wanted. 6 inches.

- Admirabilis.** Compact, free-flowering, and very showy. Pkt.  
Mixed colors. \$0 15
- Blue Perfection.** Mauve, yellow eye. 15  
**White Perfection.** Pure white. 15  
**Lutea splendens.** Golden yellow. 15  
**Purple Queen.** Deep purplish blue. 15
- Scotch Strains.** Choicest and newest bedding hybrids, mixed. 25

## MAMMOTH VERBENAS

Our choice strain of Mammoth Verbenas, one of the most effective bedding plants, is unsurpassed for its brilliant colors and immense flowers. The plants, of spreading growth, are just covered with large heads of beautifully colored flowers until late in autumn. Best results are obtained by sowing the seed early in the house or hotbed, but outdoor sowings may be made also in May. Annual.

- |                 |        |        |                 |        |        |
|-----------------|--------|--------|-----------------|--------|--------|
|                 | Pkt.   | 1/4oz. |                 | Pkt.   | 1/4oz. |
| <b>Pink.</b>    | \$0 10 | \$0 65 | <b>Striped.</b> | \$0 10 | \$0 65 |
| <b>Purple.</b>  | 10     | 65     | <b>White.</b>   | 10     | 65     |
| <b>Scarlet.</b> | 10     | 65     | <b>Blue.</b>    | 10     | 65     |

COLLECTION: One pkt. each of above 6 colors, 50 cts.

## MAMMOTH VERBENAS, continued

- Mammoth Mixed.** Containing all the colors. 1/4oz. 50 cts. \$0 10
- Helen Willmott.** Bright salmon-rose, white eye; large flower. 35
- Scarlet Queen.** Vivid scarlet flowers with large white eye; splendid bedding sort. 35
- Lucifer.** A new, deep, cardinal-scarlet variety of Mammoth Verbenas. 25
- Hybrida gigantea.** A wonderful mixture of large-flowering varieties. The flowers are gigantic and with white eye; the reds particularly attractive. 15
- Royal Bouquet.** It forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out, and what gives this novelty its special value is the fact that the flowers will compare in size and variety of color with those of the finest strains of Auricula-eyed Verbena. 35

## VARIOUS VERBENAS

- Citriodora** (Lemon-scented Verbena). An old favorite with fragrant evergreen leaves. 3 feet. 15
- Erinoides** (Moss Verbena). Elegant little spreading bushes with finely cut foliage and pretty heads of purplish rose bloom, changing to Oxford blue. 10
- Erinoides alba.** Of the same character as above, but with white flower-heads. 10
- Venosa.** Largely used for bedding purposes; strong, thrifty growers covered with bright purplish heliotrope flowers. 1 foot. 10

## WALLFLOWER

Well-known, deliciously fragrant, half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a coldframe in the winter and planted out in April.

- Early Paris Market.** This variety, if sown in March will bloom in July. Pkt. \$0 10
- Bronze King.** Flowers reddish bronze, very early, suitable only for growing indoors for winter blooming. 20
- Single Mixed.** All colors. 1/4oz. 25 cts. 10
- Double Finest Mixed.** 15

IMPORTED COLLECTION OF SINGLE WALLFLOWERS.  
Eight colors, 60 cts.

## XERANTHEMUM

- Double Mixed.** Beautiful Everlasting Flowers, easy to grow. Pkt.  
Sow in spring where they are desired to bloom. The flowers, of bright rose, purple, or white, are borne on long, slender stems, and retain their color when cut and dried. Much prized for winter decorations. 1/4oz. 30 cts. \$0 10



Mammoth Verbenas





Giant Zinnia

**DOUBLE GIANT ZINNIAS**

Youth and Old Age

The Double Giants grow to a height of 3 feet and bear enormous double flowers which often attain a diameter of  $4\frac{1}{2}$  to 5 inches. Although tall and erect in growth, they are sturdy and well rooted and require no support. From seed sown in early spring they commence to bloom in July and continue until October.

	Pkt.	$\frac{1}{4}$ oz.
Giant Scarlet.....	\$0 15	\$0 50
Giant White.....	15	50
Giant Crimson.....	15	50
Giant Flesh-Pink.....	15	50
Giant Primrose-Yellow.....	15	50
Giant Orange.....	15	50
Giant Canary-Yellow.....	15	50
Giant Salmon-Pink.....	15	50
Giant Mixed.....	oz. \$1.25..	15 40

IMPORTED COLLECTION: Eight colors, \$1

**DOUBLE DAHLIA-FLOWERED ZINNIAS**

This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative Dahlia. Pkt.

Buttercup. Deep buttercup-yellow.....	\$0 20
Canary Bird. Delicate primrose-yellow.....	20
Crimson Monarch. Deep crimson flowers.....	20
Exquisite. Light rose, deep rose center.....	20
Polar Bear. Pure white; very large.....	20
Scarlet Flame. Beautiful bright scarlet.....	20

COLLECTION: One pkt. each of above 6 colors, \$1  
Mixed. All colors. Pkt. 20 cts.

**DWARF DOUBLE ZINNIAS**

Especially recommended for bedding. The plants grow about 2 feet high, branching freely and blooming abundantly. The flowers, while not quite so large as our Giants, are perfectly double and very attractive.

	Pkt.	$\frac{1}{4}$ oz.		Pkt.	$\frac{1}{4}$ oz.
Crimson.....	\$0 10	\$0 25	Canary-Yellow.....	\$0 10	\$0 25
White.....	10	25	Golden Yellow.....	10	25
Flesh-Pink.....	10	25	Mixed.....	10	20
Salmon-Rose.....	10	25			

**VARIOUS ZINNIAS**

Achievement. Distinct tubular and cactus-like florets; rich variety of shades. Pkt. \$0 20

Picotee. Similar in size and habit to the Double Giants, these new Zinnias are characterized by their unique color pattern. The flowers come in a great variety of soft shades with each petal distinctly tipped with darker color. Mixed..... 15

Rose King. Beautiful carmine-rose; immense flowers..... 20

Victory. A very distinct variety with large densely double quilled flowers. The colors are mostly in russet, orange, old-rose and other autumn tints..... 15

Curled and Crested. Large, double flowers; petals twisted and curled.  $1\frac{1}{2}$  feet. Mixed colors..... 10

Red Riding-Hood. Miniature double flowers; intense scarlet. 1 foot..... 10

**MIXED FLOWER SEEDS FOR WILD GARDEN**

A most interesting way in which to grow annual flowers is to reserve a portion of your grounds for a Wild Flower Garden and sow mixed seed in it. For this purpose we offer a collection of easily grown annuals which will furnish a profusion of bloom throughout the season, without the attention necessary for more formal plantings. This mixture will be found valuable for sowing in bare spots, along fences and on embankments, and will convert many an unsightly spot into a place of beauty. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.;  $\frac{1}{2}$  lb. \$2.50.

Cut-Flower Garden Mixture. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.

**Flowers and Plants for Different Purposes and Situations**

WHICH CAN BE GROWN FROM SEED

**FLOWERING ANNUALS**

Including some perennials which flower the first season from seed. Those marked \* are the best for massing in beds and borders.

Acroclinium	*Larkspur
*Ageratum	*Linum
*Alyssum	Lobelia
*Antirrhinum	*Lupinus
*Arctotis	*Marigold
*Aster	Marvel of Peru
Balsam	Mignonette
Begonia	Myosotis
*Calendula	*Nasturtium
*Calliopsis	Nemophila
*Candytuft	Nicotiana
*Celosia	*Nigella
*Centaurea	*Pansy
Chinese Wool Flower	*Petunia
*Chrysanthemum	*Phlox
Clarkia	Pinks
*Coreopsis	*Poppy
*Cornflower	Portulaca
*Cosmos	Rhodanthe
Daisy	Salpiglossis
*Dianthus	Salvia
*Dimorphotheca	Scabiosa
*Eschscholtzia	Schizanthus
*Gaillardia	Stevia
*Godetia	*Stocks
Gomphrena	Sunflower
Gypsophila	Sweet Peas
Helianthus	*Tagetes
Helichrysum	Verbena
*Hunemannia	*Zinnia

**FLOWERING PERENNIALS**

Aconitum	Lobelia
Anchusa	Lupinus
Anemone	Lychnis
Aquilegia	Myosotis
Auricula	Pentstemon
Bellis	Phlox
Campanula	Platycodon
Carnation	Polyanthus
Chrysanthemum	Poppy, Orientale
Coreopsis	Pyrethrum
Daisy	Salvia
Delphinium	Scabiosa Caucasica
Digitalis	Shasta Daisy
Eupatorium	Statice
Gaillardia	Sweet William
Gypsophila	Viola
Hollyhock	Wallflower

**FRAGRANT FLOWERS**

Alyssum	Nicotiana Affinis
Candytuft	Polyanthus
Carnation	Scabiosa
Centaurea	Stocks
Cyclamen	Sweet Peas
Heliotrope	Sweet William
Lupinus	Viola
Mignonette	Wallflower
Mimulus Moschatus	

**ORNAMENTAL FOLIAGE PLANTS**

Amaranthus	Kochia
Centaurea Candidissima	Pyrethrum
Cineraria Maritima	Ricinus
Coleus	

**EDGING AND BORDER PLANTS**

Ageratum	Myosotis
Alyssum	Nasturtium, Tom
Begonia	Thumb
Bellis	Nemophila
Candytuft, Dwarf	Pansies
Centaurea Candidissima	Petunia, Rosy Morn
Cineraria Maritima	Phlox Drummondii
Daisy	Polyanthus
Dimorphotheca	Pyrethrum
Lobelia	Tagetes, Signata
Marigold, French	Pumila
	Viola

**VARIETIES FOR SHADED AND PARTIALLY SHADED PLACES**

Aquilegia	Kenilworth Ivy
Auricula	Lobelia Cardinalis
Begonia, Tuberous	Mimulus
Bellis	Myosotis
Cineraria	Nemophila
Clarkia	Polyanthus
Daisy	Primula
Digitalis	Viola
Godetia	

**PLANTS FOR HANGING BASKETS, ETC.**

Alyssum	Maurandia
Asparagus Sprengeri	Nasturtium
Begonia	Nierembergia
Convolvulus	Petunia
Kenilworth Ivy	Smilax
Lobelia	Thunbergia





## WATERER'S SUPERB GLADIOLI



**CULTURE.** Gladioli are easily grown in any ordinary good garden soil, provided the situation is sunny. They may be planted in rows, beds, or groups 6 inches apart, covered with 3 to 4 inches of soil. Press the earth firmly around the bulbs. Water freely but always after sundown and cultivate frequently to prevent the surface of the soil hardening. A succession of blooms can be had by planting the bulbs at intervals of two weeks from about April 15 to July 1.



Type of our Gladioli

**America.** Exquisite, soft lavender-pink. For cut-flower use and bedding it is indispensable. 7 cts. each; 75 cts. per doz.; \$4.50 per 100.

**Baron Hulot.** Rich, deep indigo-blue. 15 cts. each; \$1.50 per doz.; \$10 per 100.

**Chicago White.** A popular white variety, with lavender markings on throat; midribs of lower petals carmine. Strong grower. 7 cts. each; 75 cts. per doz.; \$5 per 100.

**Crackerjack.** Dark red, with a white blotch in the throat. Early, and a splendid grower. 7 cts. each; 75 cts. per doz.; \$4.50 per 100.

**Empress of India.** Rare rich shade of dark brown-red. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

**Gretchen Zang.** A lovely tone of soft pink with scarlet markings on the lower petals. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

**Halley.** Delicate salmon-pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through center, the whole producing a delightful effect. 7 cts. each; 75 cts. per doz.; \$5 per 100.

**Kunderdi Glory.** Every petal is exquisitely ruffled and fluted. Delicate cream-pink with crimson stripe. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

**Loveliness.** Very large flowers of creamy white, suffused with soft pink. A lovely variety. 15 cts. each; \$1.50 per doz.; \$10 per 100.

**Mrs. Francis King.** Color is brilliant vermilion-scarlet. It is one of the best for cut-flower purposes. The individual blooms are as much as 4½ inches across and five or six are usually expanded at one time, the reserve buds opening as the older flowers pass. 7 cts. each; 75 cts. per doz.; \$5 per 100.

**Mrs. Frank Pendleton.** The flowers are very large and well expanded, of a lovely flushed salmon-pink with deep blood-red blotches in the throat, presenting a vivid contrast. 8 cts. each; 85 cts. per doz.; \$6 per 100.

**Niagara.** A delightful cream shade with the two lower petals blending to canary-yellow. The throat is splashed with carmine and the lower ends of the outside petals are also blushed with carmine. 10 cts. each; \$1 per doz.; \$7 per 100.

**Panama.** A seedling of America and a great improvement on that variety; a larger flower and a deeper pink. One of the very best. 8 cts. each; 85 cts. per doz.; \$6 per 100.

**Peace.** Flowers are large, of good form, correctly placed on a heavy, straight spike. Color beautiful white, with a pale lilac feathering on the lower petals. 10 cts. each; \$1 per doz.; \$7 per 100.

**Pink Perfection.** This magnificent sort is a soft apple-blossom-pink with chamois suffusion that is very attractive. 15 cts. each; \$1.50 per doz.; \$10 per 100.

**Prince of Wales.** An early-flowering sort with fine spikes of large flowers of delicate apricot-pink suffused salmon. 12 cts. each; \$1.25 per doz.; \$7.50 per 100.

**Princeline.** Carmine-red with large, white blotch; large spike. 8 cts. each; 85 cts. per doz.; \$6 per 100.

**Schwaben.** Pure canary-yellow with a carmine blotch deep in the throat. The flowers are large, borne on strong stems, well placed; frequently six to eight open at one time. 10 cts. each; \$1 per doz.; \$6.50 per 100.

**Sulphur King.** Deep, pure yellow. The best of its color. 20 cts. each; \$1.75 per doz.; \$12 per 100.

**War.** A fitting companion in color to Peace. Deep blood-red, shaded crimson-black. A splendid exhibition variety. 15 cts. each; \$1.35 per doz.; \$9 per 100.

**Willy Wigman.** A beautiful blush tint, with long, bright crimson blotch on lower petals. The effect of the crimson on the cream petals is most pleasing. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

**Yellow Hammer.** A pleasing rich yellow, penciled with dark red on the lower petals. 15 cts. each; \$1.35 per doz.; \$9 per 100.

**Giant-flowering Mixture.** An unexcelled blend of the largest possible number of fine and distinct varieties. 7 cts. each; 75 cts. per doz.; \$5 per 100.

**Fine Mixture.** A popular low-priced mixture composed of all colors and shades. 15 cts. for 3; 50 cts. per doz.; \$3 per 100; \$27.50 per 1,000.

### PRIMULINUS GLADIOLI

Although the individual flowers are not large, they carry an air of grace altogether different from the more or less stiff effect of other Gladioli.

	Each	Doz.	100
<b>Alice Tiplady.</b> Rich orange.....	\$0 15	\$1 50	\$10 00
<b>Dorothy Wheeler.</b> Superb shade of pink....	20	1 75	12 50
<b>Hermione.</b> Saffron-orange tint.....	15	1 50	10 00
<b>Maiden's Blush.</b> Delicate shell-pink.....	15	1 50	10 00
<b>Miranda.</b> Pale sulphur with a thin red line on lower petal.....	12	1 25	7 50
<b>Souvenir.</b> Superb deep yellow self.....	20	1 75	12 50
<b>Primulinus Hybrids, Mixed.</b> A most extensive assortment of all the newest and rarest Hybrids.....	07	75	4 50



# SUMMER-FLOWERING BULBS AND PLANTS

## AMARYLLIS

An easily-grown plant of wondrous beauty. On receipt of the bulbs they should be placed where they will always be slightly moist and warm—under the benches of a greenhouse, for example. Do not pot up the bulbs before the flower-buds appear; when first potted, give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. Very often the mistake is made of potting up the bulbs too early; the consequence is that only leaf-growth is made.

**Giant Hybrids.** A re-selected strain of the very largest flowered sorts, ranging in color from almost pure white, through various shades of pink, to the deepest scarlet, some with beautiful markings and mottled throats. They are of vigorous growth, free-flowering habit, and enormous size of the individual flowers. We offer mixed varieties only, in very strong bulbs. \$1 each; \$2.75 for 3; \$10 per doz.

## BEGONIAS (Tuberous-Rooted)

There is hardly a garden in which there are not partly or entirely shaded spots where the average flower will not grow. Such places are ideal for this flower, yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright flowers contrast well with the deep-colored foliage. The bulbs must be lifted in the fall.

**Single Begonias.** Red, Rose, Salmon, Yellow. 30 cts. each; \$3.50 per doz.

**Double Begonias.** Red, Rose, Salmon, Yellow. 40 cts. each; \$4 per doz.

## CALADIUM ESCULENTUM

(Elephant's Ear)

A fine tropical plant that is easily grown and very effective for beds, borders, or for planting out on the lawn. It will grow in any good garden soil and is of the easiest culture. The soil best suited to Caladiums is a mixture of fibrous loam, leaf-mold, peat, and well-rotted cow or sheep manure in equal parts, with a sprinkling of sand added. Bulbs may be planted outdoors as soon as danger of frost is over, covering about 3 inches deep. To obtain the best results it should be planted where it will obtain plenty of water. Foliage light green. When full size, it stands 4 to 6 feet high, and bears immense leaves, 3 to 4 feet long by 2½ feet wide.

	Each	Doz.	100
Monster bulbs.....	\$0 50	\$4 00	\$27 50
Mammoth bulbs.....	30	3 00	17 50
First-size bulbs.....	20	2 00	10 00

**Fancy-leaved Caladiums.** Fine for decorating the conservatory, greenhouse, and window-boxes, also for planting outdoors when ground has become warm. **Named Varieties.** 35 cts. each; \$3.50 per doz.

## CALLA LILIES

**Golden Yellow Calla.** This is the Yellow Calla of marvelous beauty, the flowers being as large as the popular white winter-flowering variety and is of a rich lustrous golden yellow. The foliage is dark green with numerous white spots which gives the plant a very ornamental appearance. 50 cts. each; \$5 per doz.

## CINNAMON VINE

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, often running 25 to 40 feet; quite hardy. Large select roots, 10 cts. each; \$1 per doz.

## GLOXINIAS

Gloxinias make excellent house plants and succeed well in a sunny window in the spring months. They may be started in February in a shallow box about 2 inches deep, the bottom of which has been covered with about one inch of sphagnum moss. Spread the bulbs out on the moss, about ½ inch apart, and cover them with more moss to the depth of about ½ inch. Keep the bulbs in a temperature of about 68 degrees. In about two weeks both tops and roots will have made a start. The bulbs should then be potted into 4-inch pots in ordinarily good garden soil, and will flower profusely during May and June. Be careful to keep water off the foliage and shade the plants from direct sunlight as the season advances.

**All Colors Mixed.** 40 cts. each; \$4 per doz.

## ISMENE CALATHINA

(Pancratium Lily, or Peruvian Daffodil)

One of the choicest of our summer-flowering bulbs, bearing a profusion of handsome clusters of large, very striking, fragrant white flowers. Bulbs should be kept warm and dry and planted out in the middle of May. They will commence flowering in July. Large bulbs, 25 cts. each; \$2.50 per doz.; \$15 per 100.

## MADEIRA OR MEXICAN VINE

A beautiful and popular vine covering a large space in a short time. Much prized for porches and arbors because of its rapid growth and freedom from insects. Thick, glossy leaves of a light green color and numerous racemes of feathery white flowers of delightful fragrance. Large, selected roots, 10 cts. each; \$1 per doz.; \$7.50 per 100.

## TUBEROSES

**Excelsior, White Pearl.** The Tuberose is one of our finest summer-flowering bulbs. The flowers are waxy white, double, and exceedingly fragrant—a single flower will perfume a room. They do best in a rich, warm soil and a sunny situation. Plant about May 1 in the open ground, but the bulbs may be started in pots much earlier.

	Each	Doz.	100
Extra-large bulbs.....	\$0 10	\$1 00	\$7 00
First-size bulbs.....	07	75	5 00

## CANNA PLANTS

Ready about  
May 10

### BRONZE-LEAVED

**King Humbert.** Its flowers, which, under ordinary conditions measure 3 inches in diameter, are produced in heavy trusses of gigantic size, are of a brilliant orange-scarlet, with bright red markings, while the foliage is broad and massive and of a rich coppery bronze, with brownish green markings. 5 to 6 feet. 30 cts. each; \$3 per doz.; \$17.50 per 100.

**Wyoming.** Bronze-purple foliage; immense spikes of large massive orange flowers. 6 feet. 30 cts. each; \$3 per doz.; \$17.50 per 100.

### RED-FLOWERING, GREEN FOLIAGE

**Firebird.** This is in every way one of the best red-flowered, green-leaved Cannas today. The petals measure 2½ inches and more across, and the color is a clear, glistening scarlet without any streaks, spots or blotches. 4 feet. 30 cts. each; \$3 per doz.; \$17.50 per 100.

**Meteor.** Of compact growth; broad green foliage, surmounted with large heads of bright red flowers; grows about 4½ feet high. 30 cts. each; \$3 per doz.; \$17.50 per 100.

**The President.** This splendid variety produces immense flowers of a rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety. Green foliage. 4 feet. Plants, 35 cts. each; \$3.50 per doz.; \$20 per 100.

### PINK-FLOWERING, GREEN FOLIAGE

**City of Portland.** Glowing pink, deeper in color than its parent, Mrs. Alfred F. Conard; profuse bloomer. 4½ feet. 35 cts. each; \$3.75 per doz.; \$22.50 per 100.

**Hungaria.** The ideal pink bedder. Flowers large, in good trusses; color not unlike that of Paul Neyron rose. 3½ feet. 35 cts. each; \$3.50 per doz.; \$20 per 100.

**Mrs. Alfred F. Conard.** Its exquisite salmon-pink flowers are of largest size, so freely produced as to keep a superb showing for months. 4 feet. 40 cts. each; \$4 per doz.; \$25 per 100.

### GOLD-EDGED, GREEN FOLIAGE

**Mme. Crozy.** Vermilion with gold border. A constant, free and reliable bloomer. Still one of the best. 4 feet. 30 cts. each; \$3 per doz.; \$17.50 per 100.

### YELLOW-FLOWERING, GREEN FOLIAGE

**Florence Vaughan.** Yellow, spotted crimson; green foliage. 5 feet. 30 cts. each; \$3 per doz.; \$17.50 per 100.

**Richard Wallace.** A magnificent, large, light yellow variety; green, well-shaped foliage. A very impressive plant. 5 feet. 30 cts. each; \$3 per doz.; \$17.50 per 100.

**Yellow King Humbert.** Possesses the vigor, freedom, and size of bloom of the old King Humbert variety, but has bright green foliage and produces large masses of yellow flowers dotted with red. 5 to 6 feet. 30 cts. each; \$3 per doz.; \$17.50 per 100.

### PACHYSANDRA TERMINALIS

A ground cover, which will grow in all shady situations and the only plant which will thrive under pine trees. 25 cts. each, \$2.50 per doz., \$15 per 100.

### HARDY PERENNIAL PLANTS

We can furnish a general collection of Hardy Perennials. The list includes Hardy Asters, Achillea, Aquilegia, Campanula, Coreopsis, Hardy Chrysanthemums, Hardy Larkspur, Hardy Pinks, Digitalis, Gaillardia Grandiflora, Hollyhocks, Helenium, Hardy Sunflower, Hardy Phlox, Iris Germanica, etc. Strong grown plants, 25c. each, \$2.50 per doz., by express only, customer paying charge.



## HARDY LILIES

All Lilies should be planted from 6 to 8 inches deep, the *Speciosum* varieties even 12 inches deep. The bulbs themselves should be completely enveloped in sand; no manure should come in contact with them, but may be placed 4 to 6 inches underneath.

**Auratum** (Golden-banded Lily). Enormous, frequently measuring 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 25	\$37 50
Monster bulbs.....	60	6 50	45 00

**Speciosum album**. The best late-flowering pure white hardy garden Lily; of easy culture.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 25	\$37 50
Monster bulbs.....	60	6 50	45 00

**Speciosum Melpomene**. White blooms, heavily spotted and overlaid with crimson.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 25	\$37 50
Monster bulbs.....	60	6 50	45 00

**Speciosum magnificum**. An enormous flower; rich deep red, spotted crimson; blooms in August.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 25	\$37 50
Monster bulbs.....	60	6 50	45 00

**Speciosum rubrum** (*L. speciosum roseum*). A very popular variety. Rosy white, heavily spotted with rich crimson.

	Each	Doz.	100
Mammoth bulbs.....	\$0 50	\$5 25	\$37 50
Monster bulbs.....	60	6 50	45 00

**Henryi**. This beautiful and rare variety closely resembles the *Speciosum* type, and has been called the "Yellow *Speciosum*," the flowers being a rich apricot-yellow with a few brown spots. Grows 3 to 5 feet high. 75 cts. each; \$7.50 per doz.

**Tigrinum splendens** (Improved Tiger Lily). Bright, orange-red, spotted with black; very showy. 4 to 5 feet. 25 cts. each; \$2.75 per doz.; \$20 per 100.

**Tigrinum flore-pleno** (Double Tiger Lily). Orange-red, spotted with black; double showy flowers. 30c. each; \$3 per doz.; \$22.50 per 100.

**Hansonii**. Flowers reddish orange, eight to twelve in a cluster; petals thick and durable. 3 to 4 feet. 75 cts. each; \$7.50 per doz.

**Regale** (*L. myriophyllum*). This variety from western China is admittedly one of the most beautiful Lilies yet introduced. It grows 3 to 5 feet high, and blooms outdoors in July. It is perfectly hardy and flourishes under very varied conditions. The large, trumpet-shaped, delicately scented flowers, which are produced freely, are ivory-white shaded pink, tinged with canary-yellow at the base of the petals. It is also excellent for forcing. Strong-flowering bulbs, \$1 each; \$10 per doz.

## IRIS

**Germanica**. The true "Fleur-de-Lis." They are perfectly hardy, grow luxuriantly, and bloom in June in any ordinary garden soil.

**Named or Mixed Varieties**. 25 cts. each; \$2.50 per doz.; \$15 per 100.

**Kaempferi** (Japan Iris). The most showy and gorgeous of the Iris family. The stately flowers are often 10 inches in diameter, and are produced freely in July. They require rich, moist soil. Named varieties, 35 cts. each; \$3.50 per doz.; \$25 per 100.



*Lilium speciosum rubrum*



Hardy Phlox

## HARDY PERENNIAL PHLOXES

Phloxes will succeed in almost any deep, well-manured soil; their most important requirement being plenty of water during the growing season. The flowering season commences early in July and by removing the spikes of blooms as soon as over it can be prolonged until October.

**Bacchante**. Tyrian-rose, with a crimson-carmine eye.

**Baron von Dedem**. Deep pink, suffused orange; immense trusses.

**Beacon**. Brilliant cherry-red. A new variety and one of the best.

**Elizabeth Campbell**. Bright salmon-pink, with lighter shadings and dark red eye. 50 cts. each; \$5 per doz.

**Europa**. Blush-white, with a large deep pink center. The flower truss is very large, while the florets are also of gigantic size.

**Jules Sandeau**. Dwarf; very large flowering; pure pink. An extra fine variety.

**L'Esperance**. Light lavender-pink with white center.

**Miss Lingard**. This grand white variety is one of the most popular sorts grown. It grows about 2 feet high, and starts to bloom in May, continuing to flower until late in October. 35 cts. each; \$2.75 per doz.; \$18 per 100.

**Mrs. Jenkins**. The best pure white.

**Rheinlander**. Deep salmon-pink, with a distinct bright red eye.

**Rynstrom**. A splendid new Phlox with gigantic flowers of a bright pink.

**Thor**. Deep salmon-pink, suffused with scarlet; a white halo surrounds the aniline-red eye. 35 cts. each; \$3.50 per doz.

All Hardy Phloxes, except where noted, 35 cts. each; \$2.50 per doz.; \$15 per 100.

### PHLOX SUBULATA

Moss, or Mountain Pink

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rocky, or the border, and invaluable for carpeting the ground or covering graves.

**Alba**. Pure white. **Lilacina**. Light lilac. **Rosea**. Bright rose.

Any of the above, 35 cts. each; \$2.50 per doz.; \$15 per 100

### VARIOUS PHLOXES

**Amoena**. A beautiful plant, with soft rose-colored flowers in April and May. One of the best for rockeries or borders. 4 inches.

**Divaricata canadensis**. A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.

Any of the above, 35 cts. each; \$2.50 per doz.; \$15 per 100





Pompon Chrysanthemums

## GARDEN CHRYSANTHEMUMS

The development of the hardy Chrysanthemum has made it possible to have the garden bright with flowers long after the majority of hardy herbaceous plants are past. They are reasonably hardy if planted in a well-drained position, with a covering of leaves or loose litter during the winter, or may be carried over with perfect safety in a cold-frame. The vari-colored flowers are excellent for cutting.

Price, any of the following, strong plants from 2 1/4-inch pots, \$2.50 per doz.; \$15 per 100

- Anna L. Moran.** (Pompon.) Bronze with yellow.  
**Baby.** (Button.) Bright yellow.  
**Bright Eyes.** (Button.) White when fully open, reverse of inner petals orange-apricot.  
**Captain Cook.** (Pompon.) Dark rose, with brownish center.  
**Doris.** (Button.) Dark bronze.  
**Eden.** (Large-flowering.) Rose-pink.  
**Firelight.** (Large-flowering.) Bright red.  
**Golden Climax.** (Pompon.) Bronze-gold.  
**L'Argentuillais.** (Large-flowering.) Red, tipped yellow.  
**Lillian Doty.** (Pompon.) Pink, shading to flesh.  
**Mirabeau.** (Button.) Dark rose.  
**Mrs. Chester Robinson.** (Pompon.) Pink, shading to old-rose.  
**Mrs. H. Harrison.** (Pompon.) Light lavender, whitish center.  
**Mrs. W. E. Buckingham.** (Single.) Salmon-pink.  
**Normandie.** (Large-flowering.) White, tinted bluish-pink.  
**Petit Louis.** (Pompon.) Light pink, bronze center.  
**Sidney Mitchell.** (Large-flowering.) Attractive orange-yellow.  
**White Doty.** (Pompon.) Pure white, cream center.

## PEONIES

Peonies take rank as one of the most beautiful hardy perennials. They have found so many lovers within the last few years that now no garden is complete without these gorgeous blooms. Avoid planting too deeply, as this is often the cause of shy blooming; 2 to 3 inches of soil over the crown is sufficient.

- Albert Crousse.** Very large; rose-white, flecked crimson; fragrant. 75 cts. each; \$7.50 per doz.  
**Edulis Superba.** Large; loose, flat crown; bright mauve-pink collar mixed with narrow lilac. Early. Strong, upright; free bloomer. One of the best commercial pinks for Decoration Day. 60 cts. each; \$6 per doz.  
**Festiva Maxima.** Very large; globular, rose type; pure white center, prominently flecked crimson, outer petals sometimes faint lilac-white on first opening. Very tall, strong, vigorous grower. Early. The most popular white variety in cut-flowers. 75c. each; \$7.50 per doz.  
**Felix Crousse.** Large; globular; brilliant red. Strong, vigorous grower; medium height; free bloomer. One of the best reds. \$1 each; \$10 per doz.  
**Louis Van Houtte.** Medium size; semi-rose type; deep carmine-rose, tipped silver, with fiery reflex—very brilliant coloring; fragrant. 60 cts. each; \$6 per doz.  
**Mme. Calot.** Large flowers of pale hydrangea-pink. One of the best early sorts. 75 cts. each; \$7.50 per doz.  
**Queen Victoria.** Pure white with creamy white center. 50 cts. each; \$5 per doz.

## PEONIES IN COLORS

	Each	Doz.	100
<b>Double Pink</b> .....	\$0 35	\$3 75	\$27 50
<b>Double Red</b> .....	40	4 25	32 50
<b>Double White</b> .....	35	3 75	27 50
<b>Double Mixed.</b> All colors.....	35	3 50	25 00

## HARDY CLIMBING PLANTS

- AKEBIA quinata.** A quick grower, with bunches of small violet-brown flowers. 50 cts. each; \$5 per doz.  
**AMPELOPSIS Engelmannii.** A variety of the Virginia Creeper with foliage of glossy green, changing to brilliant crimson in autumn. 50 cts. each; \$5 per doz.  
**quinquefolia** (Virginia Creeper). 50 cts. each; \$5 per doz.  
**Veitchii** (Boston Ivy). The best climber to cling to walls, trees, etc. Strong plants. 40 cts. each; \$4 per doz.; \$27.50 per 100.  
**ARISTOLOCHIA Sipho** (Dutchman's Pipe Vine). Extra-strong plants. \$1 each.  
**BIGNONIA radicans** (Trumpet Vine). Dark red, with orange throat; very free-flowering. 75 cts. each; \$7.50 per doz.  
**CLEMATIS paniculata** (Japanese Virgin's Bower). One of the finest climbers. Clouds of small fragrant flowers in August. Extra strong plants. 50 cts. each; \$5 per doz.; \$35 per 100.  
**EVONYMUS radicans.** Deep green foliage; useful for covering low foundation walls. 50 cts. each; \$5 per doz.; \$30 per 100.  
**radicans variegata.** A beautiful small-leaved green and white variegated form. 35 cts. each; \$3.50 per doz.; \$25 per 100.  
**radicans vegeta.** A large-leaved form, splendid for covering high walls. 50 cts. each; \$5 per doz.; \$30 per 100.  
**kewensis.** A new variety, with very small dark green foliage, especially valuable as a rock-plant or ground-cover. 40 cts. each; \$4 per doz.; \$27.50 per 100.  
**HONEYSUCKLE, Chinese Evergreen** (Woodbine). Yellow and white variegated flowers. 35 cts. each; \$3.50 per doz.  
**Hall's.** White, turning yellow. 35 cts. each; \$3.50 per doz.  
**Variegated.** Foliage mottled yellow and green; flowers white and yellow. 35 cts. each; \$3.50 per doz.  
**IVY, English.** Invaluable for covering walls; also for covering graves. From 4-inch pots, 35 cts. each; \$3.50 per doz.; \$25 per 100. Extra-large plants, from 5-inch pots, 75 cts. each; \$7.50 per doz.  
**LATHYRUS latifolius** (Everlasting Pea). Deep rosy red. 35 cts. each; \$3 per doz.  
**latifolius albus.** White. 35 cts. each; \$3 per doz.  
**POLYGONUM Aubertii.** A useful vine for porches, lattice-work, fences, buildings, etc., and perfectly hardy and free from disease or pests. It is quick growing, a small plant making 25 to 30 feet of growth the first summer, and produces clouds of snowy white flowers, borne in long clusters, which turn rose color with age. The foliage is clean looking and attractive, and, apart from its wonderful flower effect, will please everyone by its appearance. It will not cling to the wall, but will ramble over anything that will support it. Extra-strong pot-grown plants, \$1.25 each.  
**WISTARIA.** This flowers in the latitude of Philadelphia during May. A strong, developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded. They thrive best in the sun, and with an application of cow manure once or twice a season they respond marvelously by an extra growth and an abundance of flowers.  
**chinensis** (Chinese Wistaria). Pale blue; somewhat fragrant. Extra-strong plants, \$1 each.  
**chinensis alba.** A beautiful white-flowering form of the above. Extra-strong plants, \$1 each.

## HEDGE PLANTS

- BARBERRY, Japan** (*Berberis Thunbergii*). Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors; the fruit or berries become scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra-strong 3-year-old plants, 1 1/2 to 2 feet high, \$5 per doz.; \$35 per 100.  
**PRIVET, California** (*Ligustrum ovalifolium*). This is a rapid grower under all conditions, and has handsome glossy foliage that lasts well into the winter. It may be used as a specimen or in a hedge. Withstands any amount of pruning, and is extremely hardy. To make a good hedge, set the plants in a double row 6 inches apart and 6 inches between the rows, placing the plants diagonally opposite. **Strong, select, well-rooted plants.**
- | Height                           | Doz.   | 100    | 1,000   |
|----------------------------------|--------|--------|---------|
| 1-year-old, 1 1/2 to 2 feet..... | \$1 25 | \$6 00 | \$50 00 |
| 2-year-old, 2 to 2 1/2 feet..... | 1 50   | 8 00   | 70 00   |
| 2-year-old, 2 1/2 to 3 feet..... | 2 00   | 10 00  | 90 00   |



# DAHLIAS

## DECORATIVE VARIETIES

Decorative Dahlias are the largest flowering of any type. The petals are long, broad, and flat and the flowers are double and full to the center. As a garden flower or for cutting to brighten indoors the Decorative type will afford much pleasure.

- Break o'Day.** A delicate, clear sulphur-yellow, tinting to sulphur-white at the tips. The petals are of great substance, illuminated by a satiny sheen, giving the flowers a waxy appearance. 50 cts. ea.
- Colossal Pink.** Color clear pink, tinting lighter at tips of petals and at center. An early and profuse bloomer. \$2.50 each.
- Dream Girl.** Pale lemon-yellow at base of petal, shading to rosy red at tips; reflex pale pink and white. The flowers are of good size, of beautiful, regular form, and borne well above foliage on straight stiff stems. One of the loveliest of all Dahlias and entirely distinct. \$2.50 each.
- Fireburst.** A massive flower of soft orange-red. A free bloomer; fine for garden or exhibition. 50 cts. each.
- Glory of Argonne.** The most beautiful pink and white Show Dahlia grown. Color, delicate violet-rose, shading to white at center; perfect, even form on erect stem. One of our best, and fine for cut-flower and exhibition. 75 cts. each.
- Hortulanus Fiet.** A colossal flower of the most delicate shade of shrimp-pink. The entire flower has a suffusion of delicate tints of red and gold, which gives a glow of great charm. \$1 each.
- Hortulanus Witte.** A very large, free-flowering, pure white; a splendid cut flower and exhibition variety. 35 cts. each.
- Isabel Street.** Color at base bright yellow, shading to bright rose-red, with white tips; reflex pale pink. A splendid cut-flower and exhibition variety. \$2 each.
- Jane Hall.** Color, clear buff yellow, with a bronzy suffusion on the outer petals, which sets off the bright high full center. The plant is an early and continuous bloomer. \$2 each.
- Jack Rose.** Brilliant crimson-red, similar in shade to the popular "Jack" Rose; perfect for garden decoration and cutting. 25 cts. ea.
- L. Kramer Peacock.** The ideal white Decorative for garden or cutting. The flowers are large, of perfect form, pure white, and of great substance. 35 cts. each.
- Le Grand Manitou.** Immense size; lilac penciled crimson; extra fine. 50 cts. each.
- Mina Burtle.** A rich luminous dark scarlet, on long stiff stems; splendid both for cutting and garden decoration. 35 cts. each.
- Minnie McCullough.** Soft golden yellow, tipped bronzy red; effective under artificial light; perfect form; long, erect stems. 25 cts. each.
- Mrs. Caroline Bruner.** A most popular variety of very large size. Color brilliant crimson, shaded maroon, with flame and yellow at center and base of petals. \$1 each.
- Mrs. C. H. Breck.** Color soft yellow, suffused and tipped carmine, bright and effective. The flowers are large and borne on stiff, erect stems. 50 cts. each.
- Patrick O'Mara.** The color is an unusually soft and pleasing shade of orange-buff, slightly tinged with Neyron rose. \$1 each.
- Queen Mary.** Shell-pink; very large flower. 35 cts. each.
- Rodman Wanamaker.** One of the largest Dahlias in existence—perhaps the largest. As a plant it is in a class by itself—a giant. The foliage is most luxuriant, giving a tropical effect. The giant flowers are of wonderful form and contour, entirely distinct, and the "autumn shades and tints" so exquisitely blended that it is undoubtedly the best Dahlia yet produced. \$10 each.
- Senator Baird.** Immense size and beautiful, regular form. Color rich glowing crimson. \$5 each.

## SHOW DAHLIAS

Show Dahlias are the old, large, round and quilled flowers, sometimes called the Ball Dahlias.

- Boston Hussar.** Richest dazzling vermillion. Strong, vigorous grower and free bloomer on long stems. Best red show Dahlia for cutting. 50 cts. each.
- Cuban Giant.** Very large; deep crimson shaded maroon; fine form; stems are very long. 50 cts. each.
- A. D. Livoni.** Clear, bright pink, quilled petals, the best pink show Dahlia. 25 cts. each.
- Dreer's Yellow.** An immense clear yellow, with full center and quilled petals. 50 cts. each.
- Dreer's White.** A pure white of large size and formation of Grand Duke Alexis. 35 cts. each.
- Dorothy Peacock.** A bright seashell pink color. 50 cts. each.
- Kissimmee.** Color yellow, shading to flesh, tipped ochre, reflex pale amaranth pink; as the petals are semi-quilled, the color effect is most pleasing and effective. \$2 each.
- Mary Pickford.** Large, soft primrose, edged and suffused rose. A strong, vigorous grower and free bloomer. 25 cts. each.
- Mrs. Thomas Sharp.** This is one of the most exquisite in coloring and habit. A rich golden orange of rather loose formation, but very regular and always full to the center. 35 cts. each.



Decorative Dahlia

## SHOW DAHLIAS, continued

- Rosebud.** Large; pink, heavily tipped rosy carmine, edged crimson. 50 cts. each.
- Stradella.** Deep purple-crimson, early and profuse. 25 cts. each.
- White Swan.** Large; pure white. 25 cts. each.
- W. W. Rawson.** Very large, with semi-quilled petals; long upright stems; color white, delicately flushed and suffused lilac. 50 cts. ea.

## PEONY-FLOWERED DAHLIAS

This is the newest type. The petals are broad and often twisted, hiding the yellow center of the bloom. The flowers are very artistic, the color is very attractive, and the size is exceptionally large. The outer petals are generally irregular.

- Ann Duskin.** Rich maroon, shaded black, maroon center; distinct and unique. 75 cts. each.
- Dr. Peary.** One of the darkest. A brilliant reddish mahogany. 50 cts. each.
- Geisha.** Enormous flower of rich scarlet and gold. \$1 each.
- John Wanamaker.** Color rose-lake or orchid-pink. Large flower. 50 cts. each.
- Mrs. Howard M. Earl.** An exquisitely lovely Peony-flowered variety; light yellow, suffused and overlaid carmine-scarlet, tipped yellow. 75 cts. each.
- Priscilla.** The flowers are snow-white, and most beautifully formed, the snow-white contrasting so exquisitely with the rich yellow center. Especially fine for all floral work, bouquets, and the garden. \$1 each.
- Rosalia Styles.** The largest and best pink of this class. A superb cut-flower variety. \$1.50 each.
- Sunset Glow.** The color is yellow at base of petal, outer part overlaid flame-scarlet, tipped yellow. It is an extremely profuse bloomer and every flower is perfect. \$2 each.
- Tyrrel Austin.** Flowers 7 to 9 inches in diameter; outer petals rich carmine-red; inner petals beautifully blended and veined carmine, shades of yellow and pink. The petals are twisted and whorled in a most pleasing manner. 75 cts. each.

## CACTUS DAHLIAS

The true Cactus type flowers are double, with long, narrow, twisted petals. The Hybrid Cactus type petals are shorter, with a broad flat appearance. The Cactus type are much appreciated because of their lasting quality after cutting.

- Attraction.** Large, elegant flower of a clear lilac-rose, borne on long stiff stems. A Dahlia of exceptional merit. 75 cts. each.
- Betty Austin.** Petals are yellow at base, blending to rosy carmine and rose, with yellow tips and rose reflex—a combination at once pleasing and effective. \$1 each





Cactus Dahlia

## CACTUS DAHLIAS, continued

- Claire Kulp.** Flowers rich cardinal-red, shaded garnet, yellow at base and at tip of petals. \$2 each.
- Crystal.** One of the very finest, clear soft pink Cactus Dahlias. 50 cts. each.
- Duchess of Marlboro.** A magnificent Cactus Dahlia, most pleasing and effective; rich golden orange overlaid solferino. 50 cts. each.
- Edith Carter.** Bright yellow, heavily tipped bright rosy carmine. Fine form and good size. 50 cts. each.
- Electric.** The color is rich clear canary-yellow, each petal heavily tipped white; delicate and chaste. The flowers are large and finely formed with incurved petals. 50 cts. each.
- Excelsior.** A splendid deep rich maroon of large size on long, stiff stems. A good grower and free bloomer. 50 cts. each.
- Frances White.** A splendid white Cactus Dahlia of exquisite form, with long, narrow, incurved and twisted petals. Color pure white, shading to sulphur at center. 25 cts. each.
- F. W. Fellowes.** Flowers of immense size, composed of numerous long, narrow, incurved petals of a lively orange-scarlet. This is one of the largest and finest autumn shade varieties. Should be in every collection. 75 cts. each.
- George Schofield.** Medium-sized flowers of exquisite form, with long, narrow, incurving, twisting petals. Color a delicate blending of apricot and yellow, shading to white at the tips. 75 cts. each.
- George Walters.** One of the most popular favorites of the large-flowered Californians, producing its blooms very freely on long, stiff stems. They are of a pleasing salmon color with shrimp-pink shadings. 75 cts. each.
- Gladys Sherwood.** One of the largest and best whites. \$1 each.
- Golden West.** This is a California variety that is in a class by itself in its color—that rich, golden, bronzy yellow, with the scarlet shading at the base of the petals and the center. 50 cts. each.
- Graphic.** Very dark purple, tinting to maroon. 35 cts. each.
- Iolanthe.** Deep coral-red, tipped gold; large flower. 35 cts. each.
- Jenny Wren.** A fine shade of yellow, suffused and overlaid pink. An excellent exhibition variety. 35 cts. each.
- Kalif.** Very large; pure scarlet. 75 cts. each.
- Kathryn Donges.** The greatest of all yellows. The size is immense—9 to 10 inches, and deep, with a full high center. Wherever shown it has been acknowledged the greatest yellow Cactus Dahlia in existence. \$2.50 each.
- Lawine.** A magnificent flower on long stems. It is a strong, vigorous grower and an early and profuse bloomer. The large white flowers are lightly suffused with pink. 25 cts. each.
- Marguerite Bouchon.** A charming, bright, lively pink, tinting to flesh-pink at center. 75 cts. each.
- Marjorie Castleton.** The color is a soft rosy pink, tinting lighter toward the center. 25 cts. each.
- Mary Dorr.** Deep amaranth-pink, with white tips and center. The flowers are large, with long, narrow, pointed, incurved petals. Splendid bloomer on fine stems. \$1.50 each.
- Mme. Henri Cayeux.** Clear pink; long slender petals. 50 cts. each.
- Model.** Clear yellow, passing to rose; wonderful form. 35 cts. each.
- Mother.** Pure white, with the slightest tint of color. The plant is a strong, sturdy grower and a free and continuous bloomer. \$2.50 ea.

## CACTUS DAHLIAS, continued

- Mrs. C. G. Wyatt.** A beautiful, pure white Cactus Dahlia with long, incurved petals. 50 cts. each.
- Mrs. Warnaar.** One of the best of the Holland productions. Of mammoth size, fine form and substance. Color, creamy white with apple-blossom suffusion. \$1 each.
- Rene Cayeux.** Rich glowing red. A grand garden or cut-flower variety. 35 cts. each.
- Success.** Clear yellow. One of the best for garden or exhibition. 25 cts. each.
- Wodan.** Old-gold at center, shading to salmon-rose. 50 cts. each.
- Yellow King.** One of the largest of all Cactus Dahlias. Color light yellow, tinting to cream at the tips, giving it a most pleasing effect. 35 cts. each.

## COLLARETTE DAHLIAS

Collarette Dahlias are single flowers with a row of different colored petals inside of the outside row, giving the appearance of a collar. This type is very popular.

- Albert Maumene.** Velvety crimson-purple, margined white; collarette white. 25 cts. each.
- Banker.** Scarlet, with scarlet-tipped yellow collar; very profuse bloomer. 25 cts. each.
- Dorian.** Rich crimson, shaded maroon; collar white suffused crimson. 25 cts. each.
- Marley.** Clear light canary-yellow. A fine variety for cutting; very effective. 25 cts. each.
- Maurice Rivoire.** Rich crimson-maroon; white collarette. 25c. ea.
- Prince Carnival.** Very large and fine. Soft rosy red with light collar. 25 cts. each.

## POMPON DAHLIAS

Pompon Dahlias are very similar to the Show Dahlias, only smaller. They are of medium growth and well suited for the border. This class was very popular years ago, and, with a great many other things, is regaining the favor of the flower-lover.

- Allie Mourey.** Light pink, tipped deep pink. 25 cts. each.
- Clarissa.** Pale primrose. 25 cts. each.
- Clara Harsh.** Yellow, tipped crimson. Very pretty. 25 cts. each.
- Elfin.** Very small and dainty. Light primrose-yellow. 25 cts. each.
- Fairy Queen.** Buff-yellow, edged deep carmine. 25 cts. each.
- Kleine Domitea.** Bright golden terra-cotta. 25 cts. each.
- Little Herman.** Cardinal-red, tipped white. 25 cts. each.
- Little Sweetheart.** Red, tipped white. 25 cts. each.
- Madeline.** Primrose, edged rosy purple. 25 cts. each.
- Red Boy.** Rich red; very profuse bloomer. 25 cts. each.
- Seashell.** Soft shell-pink. 25 cts. each.
- Snowclad.** The best pure white Pompon Dahlia. 25 cts. each.

## CENTURY SINGLE DAHLIAS

- Evelyn Century.** White, outer half of petals a bright violet-cerise, making a beautiful white zone around the yellow disc. Very bright and striking. 25 cts. each.
- Garnet Century.** Rich glowing garnet; fine form; on long stems; a very profuse bloomer. 35 cts. each.

**Gloxinia.** In marking and brilliancy of color, resembles the gloxinia so much as to suggest the name. Color, brilliant cerise, tinting lighter at tips, with white at base of petal. 25c. each.

**Josephine.** The acme of perfection in snow-white. A splendid cut-flower. 50c. each.

**Mrs. Joseph Lucas.** A combination of shades. Rich yellow overlaid bronzy scarlet, lightened, suffused, and edged salmon-rose. 35c. each.

**Yellow Century.** Very large yellow, with long, stiff stems. 25c. each.



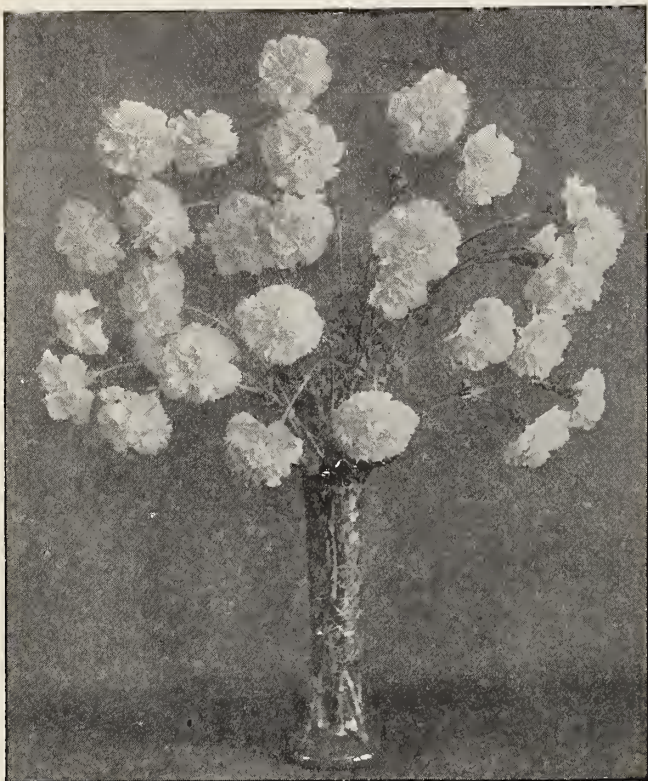
Garnet Century Dahlia

If the grower desires to have the large blooms seen at Dahlia exhibits, it is necessary to give additional care to the plants. They should be pruned by cutting out some of the branches and the laterals immediately below the flower-bud; remove all but one bud on each shoot.



# GREENHOUSE CARNATIONS

Prices, except where noted: Rooted cuttings, \$1.25 per doz., \$8.50 per 100. Plants from 2¼-inch pots, \$1.75 per doz., \$12.50 per 100



**Aviator.** Very intense scarlet flowers of medium size, well formed, with a full center. One of the best-producing Carnations and a dependable variety at all seasons.

**Belle Washburn.** Brilliant scarlet flowers, about 4 inches across, with non-bursting calyx; free and continuous blooming variety; very stiff stem.

**Benora.** The best variegated Carnation. In color it is creamy white, penciled with bright red. It is a free grower and a good producer, in addition to being an excellent keeper.

**Crystal White.** A new introduction which has the same vigorous constitution as Matchless, with large, full flowers of the purest glistening white; early and very productive. It can be brought into full crop by November 1. Crystal White has been awarded the American Carnation Society's Gold Medal.

**Doris.** The commercial crimson. It is wonderfully free and persistent in blooming, coming in early and flowering continuously throughout the entire season.

**Enchantress Supreme.** It is better than Enchantress, from which it is a sport, in color, calyx and form of flower. It is light salmon-pink in color, while it has the characteristics of the Enchantress family in habit of growth and productiveness. It is so much of an improvement that we have discarded Enchantress and offer Enchantress Supreme as the best of the flesh-pink varieties.

**Hope Henshaw.** Seedling from Mrs. C. W. Ward and Good Cheer. Similar in color to Good Cheer and of very free and easy growth. Promises to be profitable cerise-pink.

	Doz.	100
Rooted cuttings.....	\$2 00	\$12 00
2¼-inch pots.....	2 50	17 50

**Laddie.** Flowers of largest size and a warm rosy salmon-pink in color. The keeping qualities are beyond question far ahead of any Carnation yet produced. The growth is good and clean, making large pots which quickly throw strong, stiff flowering shoots. The calyx is all that can be desired. An early and prolific producer.

	Doz.	100
Rooted cuttings.....	\$2 50	\$17 50
2¼-inch pots.....	3 50	22 50

**Maine Sunshine.** Clear, golden yellow seedling from Mrs. C. W. Ward and Crystal White. Easy to grow. Resembles Matchless in size and form. Truly a wonderful yellow variety.

	Doz.	100
Rooted cuttings.....	\$3 00	\$20 00
2¼-inch pots.....	4 00	25 00

**Matchless.** This variety is regarded by many as the best white Carnation, in spite of the fact that it needs early planting and carries a slight tinge of color in its petals at certain seasons. This tinge of color seems to enhance rather than detract from its beauty. It is a good, average producer and the flowers are of the best quality.

**Mrs. C. W. Ward.** In the dark pink section, Mrs. C. W. Ward is the only variety generally grown, and the plant characteristics, combined with keeping quality and high-class bloom, recommend it to all Carnation growers.

**Thomas C. Joy.** Possibly the freest and most consistent bloomer ever introduced. A non-splitter and a white that is always true in color, with no streaks or changes of color at any season of the year. The edges are slightly serrated and the flowers are perfect in form. Free and constant in growth.

**Winsome.** Much darker in color than Mrs. C. W. Ward. Very free-blooming variety with splendid habit of growth and long, stiff stems. It is an early and continuous bloomer and a good keeper, with flowers about 4½ inches across, of splendid form. One of the very finest deep pink varieties introduced in many years.

	Doz.	100
Rooted cuttings.....	\$3 00	\$20 00
2¼-inch pots.....	4 00	25 00

**White Enchantress.** This old favorite has stood the test of time and is today one of the finest white Carnations. It is a clean grower, produces good flowers, and produces them constantly throughout the season.

**White Wonder.** Large, pure white blooms on long, wiry stems are characteristic of this variety. It is a producer and one of the finest white Carnations—a fitting companion to Matchless and White Enchantress. White Wonder does not produce surplus wood, but every growth will produce a perfect flower.

## NEW CARNATIONS FOR 1925

**Spectrum.** The best red Carnation in sight. It is a wonder as keeper, shipper, and producer. Rooted cuttings, \$3 per doz.; \$20 per 100. Awarded Gold Medal for best keeper at Philadelphia Annual Carnation Convention, January, 1924.

**Betty Lou.** Another Gold Medal variety. A variety that possesses quality in blooms and produces them freely. Color very dark pink, very pleasing. Habit and growth are ideal. Rooted cuttings, \$3 per doz.; \$20 per 100.

**Cheerful.** New dark pink, same shade as Mrs. C. W. Ward. Continuous and free bloomer; good keeper; well-formed flowers; does not split. Rooted cuttings, \$3 per doz.; \$20 per 100.

**Johnson's Crimson.** A seedling from Belle Washburn and Doris, and as fine a color as ever seen in a crimson; has plenty of life, and, unlike most crimsons, it positively does not burn or turn black on the edges. It is extremely free flowering, producing its large flowers on stiff, long stems; nice habit of growth; good propagator. Rooted cuttings, \$3 per doz.; \$20 per 100.

**Surprise.** A pink seedling a trifle darker shade than Laddie and a more even shade. A well-grown flower of Surprise is equal to Laddie in size. Strong grower; easy propagator; very early and profuse flowering habit. Rooted cuttings, \$1.75 per doz.; \$12.50 per 100.

## Stadler's Superior Plant Food

**F**EEDE your plants new life and beauty with Stadler's SUPERIOR Plant Food. Then you will take greater pride than ever in your cherished house or garden plants. The remarkable and almost immediate effects of SUPERIOR Plant Food on plant life is highly gratifying. You can see improvement every day. And how they do grow—throwing off new shoots of luxuriant beauty and health, with a richer color.



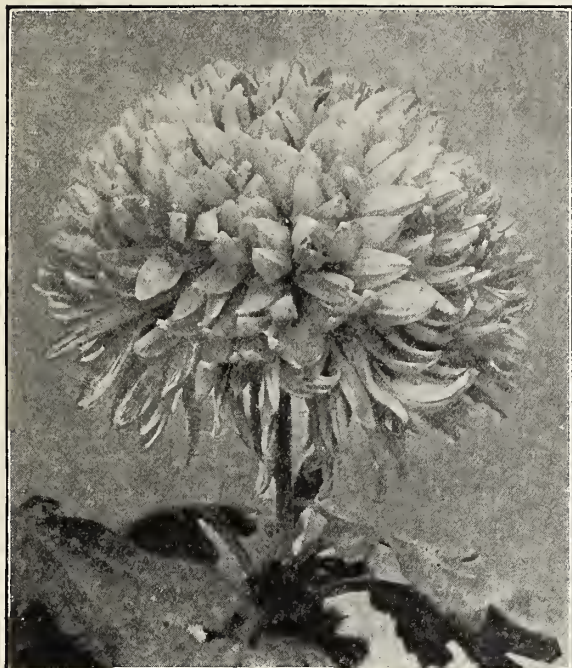
Universal in its year-round use. Use it all winter on those potted ferns, begonias or hyacinths of yours—and all summer on your outdoor garden, your bulb plants, roses, hardy shrubs, trees and lawn. Just dissolve a teaspoonful in the watering pot every time you sprinkle the garden.

Clean and odorless. 25c, 50c and \$1.00 cans. The dollar size contains 600 treatments—enough for over a year. Results guaranteed.

If you want a good lawn, sow "Waterer's Special Evergreen Lawn Grass Seed." See page 19



## GREENHOUSE CHRYSANTHEMUMS



## EXHIBITION VARIETIES

Price, from 2¼-inch pots, \$2.25 per doz.; \$16 per 100; except where noted

- Admiral Beatty.** Color blush-white, with very stiff, heavy petals. One of the strongest growing varieties; enormous stems and foliage.
- Bob Pulling.** Large, deep orange-yellow flower. It carries foliage well up to the flower.
- Elberon.** A large Japanese incurved of a very pleasing shade of pink; strong grower, with good stem.
- Elizabeth Jamison.** Purest white. Petals irregularly twisted and curved at the tips. Plant is a very strong grower, reaching about 6 feet in height under favorable conditions. Foliage carried completely up to the flower, and the stem is perfectly rigid and splendid for the long-stemmed class.
- F. S. Vallis.** Largest yellow in cultivation and indispensable for use in short-vase classes.
- Louisa Pockett.** Color purest possible white; flower, stem, and foliage are alike enormous.
- Mrs. G. Lloyd Wigg.** An immense, reflexed flower, light yellow in color. One of the finest exhibition sorts.
- Mrs. G. G. Mason.** Very distinct variety; color blood-red, with a gold reverse, though very little of the gold reverse appears. Its marvelous color will make it sought for in making collections.
- Mrs. Gilbert Drabble.** The largest white variety.
- Mrs. H. S. Firestone.** Color pinkish, chamois-buff, stem perfectly rigid and foliage right up to the flower. \$3 per doz.
- Mrs. J. Gibson.** Enormous alike in stem, foliage, and flower; color light pink, shading to deeper pink lines on ends of petals.
- Mrs. J. Leslie Davis (Pink Turner).** Identical with Turner in every respect save color, which is a clear lavender-pink.
- Mrs. R. C. Pulling.** Clear, bright yellow in color, and the flower is of large size. One of the best exhibition varieties.
- Nagirroc.** Deep, glowing orange-yellow in color; very large flower. One of the finest exhibition varieties that has ever been offered.
- Pockett's Crimson.** Crimson, with gold tips to the petals.
- President John Everitt.** The color is a unique chamois-pink when first opening; petals closely incurved, forming a perfect ball. As the flower develops, the center petals open outward, showing a bronzy crimson reverse. An excellent exhibition bronze.
- Rose Pockett.** Light yellow, showing an occasional tint of bronze. Semi-dwarf.
- Vermont.** The flowers are of enormous size, reminding one very much of the old variety M. L. Rousseau. Every bud produces a perfect flower and sure to rank as one of the very best pink varieties.
- William Rigby.** Yellow sport of Mrs. Gilbert Drabble. Beautiful, bright canary-yellow. Exact duplicate of Mrs. Drabble except in color. \$3 per doz.
- White William Turner.** Pure-white bloom, incurved and very large. A general favorite.
- Yellow William Turner.** The parent of this variety is the most popular white variety. Identical except in color.

## STANDARD VARIETIES

Price, from 2¼-inch pots, \$1.75 per doz.; \$10 per 100

- Betsy Ross.** Undoubtedly this is one of the finest whites yet produced, from the commercial growers' point of view. Its perfect incurved form, purity of color, and sturdy, upright growth are qualities most essential.
- Chieftain.** One of the most popular pinks among the growers, owing to its ease of propagation, sturdy growth, and pleasing color.
- Chrysolora.** This variety can be briefly described as an early Colonel Appleton, coming in fifteen days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Major Bonaffon.
- Colonel Appleton.** An old favorite yellow.
- Dr. Enguehard.** A fine late pink.
- Early Rose.** Rose color, as the name implies, of a very pleasing shade; incurved form; excellent stem and foliage.
- Golden Glow.** Bright yellow; good stem and foliage.
- Harvard.** Japanese reflexed; very dark crimson; in perfection November 15 and later.
- Helen Frick.** A fine late dark pink; incurved form; excellent stem and foliage.
- J. W. Prince.** Those who fail to secure sufficient pink in Chieftain should consider this dark pink sport from this variety.
- Major Bonaffon.** This variety is probably grown in larger quantity than any other. Is a fine yellow, easy of cultivation, and the finest incurved form.
- Midnight Sun.** Those desiring a bright or deep yellow should not overlook this variety. It has no equal in its class. Fine incurved form; stem and foliage excellent.
- Pacific Supreme.** The most widely grown early pink.
- Patty.** A beautiful Enchantress pink, which is permanent in color. Vigorous grower, yet of dwarf habit.
- Pink Mistletoe.** A pink sport from Mistletoe, which will become a popular pink among growers, owing to its lateness.
- Polly Rose.** An early, pure white variety; dwarf habit.
- Roman Gold.** An intense yellow, maturing November 1 to 10; perfect stem and foliage; easy to manage.
- Rose Perfection.** A seedling from Chieftain but is brighter and more constant in color.
- Smith's Advance.** The finest early midseason white.
- Tekonsha.** A splendid large bronze for Thanksgiving, coming just right for this event. Strong, upright growth.
- Thanksgiving Pink.** Strong grower. A late, dark pink for Thanksgiving use.
- Tiger.** There is no yellow which possesses so many points of excellence, especially for those who cannot give the highest state of cultivation. It is always double with very sturdy stems; a good bright yellow.
- Victory.** An incurved of the purest white.
- Wells' Late Pink.** Clear, bright pink in color. Easy of culture.



Tiger Chrysanthemum





Los Angeles Rose

## ROSES

### HARDY HYBRID TEA ROSES

This class is the most desirable from which to select garden Roses, their free and continuous-blooming tendencies making it possible, with a careful selection of varieties, to cut flowers from early June until frost.

Price, any of the following strong two-year-old plants,  
\$1.25 each; \$12 per doz.; \$90 per 100

**Arthur R. Goodwin.** A beautiful rich-colored coppery orange; as the flower matures it opens to a soft salmon pink; a good, full flower, very free and distinct.

**Caroline Testout.** Bright satiny rose with brighter center; free flowering and fragrant.

**Columbia.** A most pleasing shade of rose-pink; delightfully fragrant.

**Duchess of Wellington.** Intense saffron-yellow, changing to coppery yellow.

**Francis Scott Key.** A glorious Rose for the garden. A strong grower, producing large, perfectly formed, and fragrant flowers, deep red in color.

**Gen. MacArthur.** The blooms are large and very fragrant; color, rich crimson-scarlet. For a bedding Rose we recommend Gen. MacArthur.

**Gruss an Teplitz.** This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant; a free, strong grower.

**Hadley.** Large, full, perfect flowers of an intense, rich, dazzling, crimson-scarlet shading to velvety crimson and deliciously fragrant.

**H. V. Machin.** A gorgeous flower of large size described by the introducers as the most magnificent exhibition variety they have introduced; in color an intensely black-grained scarlet-crimson, carried on rigid, sturdy stems with ideal foliage.

**Jonkheer J. L. Mock.** Bright cherry-red on the outside of the petals and shining silvery white on the inside.

**Joseph Hill.** A perfect gem and remarkably free-flowering; in color a lovely shade of salmon-pink; the perfect flowers are large, full, and double.

**Kaiserin Augusta Victoria.** Flowers large and very fragrant; pearly white, tinted with lemon.

**Killarney.** One of the most popular of pink garden Roses.

**Lady Alice Stanley.** A gem that everyone admires. It is absolutely perfect in every way; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes.

**Lady Hillingdon.** A lovely coppery shade of apricot-yellow, beautiful in the bud; a strong, vigorous grower and very free-flowering.

### HARDY HYBRID TEA ROSES, continued

**Los Angeles.** In color it is a luminous flame-pink, toned with coral and shaded with translucent gold at base of petals. The buds are long and pointed, expanding into enormous, intensely fragrant flowers.

**Miss Lolita Armour.** As the flowers expand they develop to a deep coral-red with golden, coppery red suffusion; the base of the petals is a rich golden yellow with coppery red sheen.

**Mme. Edouard Herriot.** This is the celebrated "Daily Mail" Rose. In color it is coral-red, shaded with yellow and bright rosy scarlet, with yellow at the base.

**Mme. Jules Bouche.** White, center shaded pink; large full flowers.

**Mme. Leon Pain.** Entirely distinct in color—a fine silvery salmon, with deeper orange-yellow shaded center, the reverse of the petals being a salmony pink.

**Mrs. Aaron Ward.** The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white.

**Ophelia.** The flowers held erect on long stems are of perfect form, and of a pleasing shade of light salmon-flesh shading to pale yellow at the base of the petals.

**Radiance.** Brilliant carmine-pink, with salmon-pink and yellow shadings at the base of the petal. Truly a Rose for every garden.

**Red Radiance.** A counterpart of Radiance from which it is a "sport," possessing all the good traits of that valuable variety but differing in color which is a bright cerise-red.

**Rose Marie.** One of the best bedding Roses grown. Remarkably free-flowering, producing large, long, ideal buds, which develop into full flowers of beautiful form, of a most pleasing clear rose-pink.

### HARDY HYBRID PERPETUAL ROSES

The varieties of this type are quite hardy, and, while they require little attention when once established, they are benefited by a slight winter protection. A number of the varieties will produce splendid flowers during the autumn.

Price, any of the following, extra-strong, two-year-old plants, \$1.25 each; \$12 per doz.; \$90 per 100

**Anna de Diesbach.** Bright carmine-rose. A beautiful Rose of large size.

**Captain Hayward.** Scarlet-crimson; of perfect form; fragrant.

**Clio.** Delightful satiny flesh with deeper center; the flowers are large, globular, and borne on long stems.

**Frau Karl Druschki.** This is the ideal hardy white Rose, pure in color, perfect in form, a strong grower and remarkably free-flowering.

**General Jacqueminot.** Brilliant scarlet-crimson. An old favorite and one of the best-known Roses in cultivation.

**Hugh Dickson.** Brilliant crimson, shaded scarlet; good in size and form; very fragrant.

**Magna Charta.** Bright pink; suffused with carmine. A beautiful Rose, and a strong vigorous grower.

**Mrs. John Laing.** Soft pink of beautiful form; exceedingly fragrant and remarkably free-flowering.

**Mrs. R. C. Sharman-Crawford.** Deep rosy pink, outer petals shaded with flesh. One of the freest bloomers.

**Paul Neyron.** Dark rose-pink blooms of enormous size.

**Prince Camille de Rohan.** Deep velvety crimson-maroon, shaded scarlet.

**Ulrich Brunner.** A bright cherry-red; flowers large and full.

### HARDY CLIMBING AND RAMBLER ROSES

Price, strong plants of any of the following Climbing Roses, \$1 each; \$10 per doz.; \$75 per 100

**American Pillar.** The flowers are very large, single, and borne in immense clusters; lovely brilliant pink, with a large white eye and bright yellow stamens.

**Aviateur Bleriot** (Yellow Rambler). A strong grower with large clusters of flowers of a saffron-yellow, almost golden yellow in the center.

**Climbing American Beauty.** Hundreds of perfect blooms at one time; large; rich, rosy crimson; very fragrant.

**Dorothy Perkins.** Beautiful shell-pink flowers, borne in large clusters; fragrant; very vigorous and free blooming.

**Dr. W. Van Fleet.** Buds long, pointed, deep pink; when fully expanded, the outside petals are faintly suffused with pink, the center a rich shell-pink.

**Excelsa** (Red Dorothy Perkins). Very double flowers produced in large clusters; intense crimson-maroon, with tips tinged scarlet.

**Hiawatha.** A beautiful single flower of a brilliant ruby-carmine, with white eye.

**Paul's Scarlet Climber.** The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters.

**Silver Moon.** Long, well-shaped buds, opening into immense clematis-like flowers of a waxy whiteness.

**Tausendschon.** The large clusters form a suitable bouquet of varying shades of pink as the flowers are nearly carmine-pink when just opening and pass to almost pure white with age.



## GREENHOUSE ROSES

Orders booked for strong, clean and perfectly healthy plants, from 2¼-inch pot plants ready for delivery in April; 3-inch, in May; 4-inch, in June. **Order Roses early**, stating date you wish them sent, so as to insure delivery on time.

Prices of all Greenhouse Roses, unless otherwise specified:

	Doz.	100
2¼-inch pots, grafted.....	\$6 00	\$40 00
3-inch pots, grafted.....	7 00	50 00
4-inch pots, grafted.....	8 00	60 00

PACKING EXTRA

**Commonwealth.** This Rose may be described as deep pink. It is comparable to Premier, but is several shades darker pink and much brighter in color. In habit of growth it is strong and vigorous, breaks freely from the bottom and from the hard wood—making a big plant—compared with existing greenhouse sorts. Foliage is hard and leathery and is not easily affected by mildew or by black-spot. The wood of the plant is somewhat harder than that of many of the commercial sorts, and, to maintain production, a few extra degrees of temperature will be required during winter days.

**Columbia.** A Rose to be depended upon at all times. It makes big plants, flowers freely in winter, is a pleasing shade of rose-pink, and double enough to make a good shipping and keeping flower and yet opening well at all times. An excellent winter variety and should be grown in every Rose-house.

**Double White Killarney.** This is the most popular and best white Rose ever grown, when quality of bloom is considered. There have been many sports of White Killarney, but this, known as the Budlong strain, has shown superiority to the other sports in every respect, and it is recognized today that Double White Killarney means the Budlong strain. It is pure white and the flowers are of great substance. We unhesitatingly recommend it as the best white forcing Rose in existence.

**Crusader.** A big, strong-growing variety, robust and rugged in every characteristic. The growth is heavy and the flower-stems are strong and heavy, producing very little blind wood. It is free growing and free flowering; blooms truly characteristic of the variety—big and double, and, in color, a rich, velvety crimson.

	Doz.	100
2¼-inch pots, grafted.....	\$6 50	\$45 00
3-inch pots, grafted.....	7 50	55 00
4-inch pots, grafted.....	8 50	65 00

**Golden Ophelia.** Bright yellow, shading to pale yellow at the edge of the petal. The flower is fragrant, not very double, and very pretty when cut in the bud. Vigorous and robust in growth and usually free-flowering. An easy Rose to grow and one which produces well for the average grower.

**Mme. Butterfly.** This is a sport of Ophelia, and in it we have all the varying colorings of the parent intensified—the yellow at the base of the petal is stronger in color and the pink shades are richer. In growth, Mme. Butterfly surpasses the parent, and this feature alone recommends it to all. Foliage, stem, and flower are all Ophelia—improved and glorified.

**Milady.** A strong, sturdy grower with excellent foliage. The flower is large, double, and opens perfectly at all seasons of the year. In color it is similar to Richmond, although richer in color in the bud.

**Mrs. Aaron Ward.** This is the most profitable yellow Rose grown. The Indian-yellow bud, changing color with the expanding flower, is a universal favorite. Its uses are varied; it is a summer and winter Rose, good at all seasons. Free-flowering at all times.

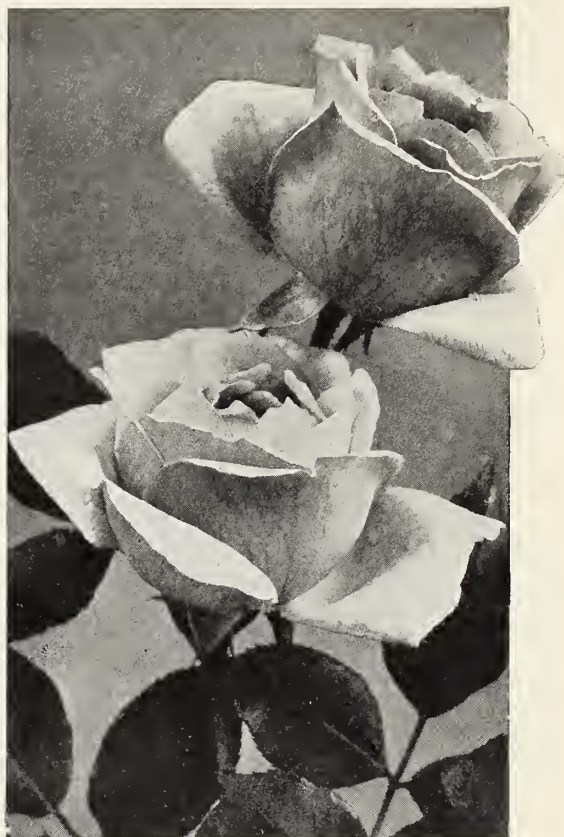
**Mrs. Warren G. Harding.** A sport of Columbia. Like its parent, it is one of the best forcing Roses, strong and vigorous in growth, with heavy luxuriant foliage; dark pink. Excellent for Christmas, at which time it is at its best in color.

	Doz.	100
2¼-inch pots, grafted.....	\$6 50	\$45 00
3-inch pots, grafted.....	7 50	55 00
4-inch pots, grafted.....	8 50	65 00

**Ophelia.** This variety stands today as the best light pink Rose ever offered. It is salmon-flesh-pink in color, shading to yellow at the base of the petals in the partially opened flower, and is very attractive. The real charm lies in the open flower, which is, to the Rose-lover, perfection in form and color. It is of easy habit, grows well, and produces well.

**Pilgrim.** A beautiful shade of bright rose-pink. The bud, which opens perfectly, is long and of ideal form. Pilgrim is a Rose of good substance and petalage, and at any stage of development is perfect in color and form of flower. Its pronounced tea fragrance will attract all Rose-lovers. It is prolific and highly productive of first quality blooms. The stems are straight and strong, and there is no tendency to weaken at the neck.

	Doz.	100
2¼-inch pots.....	\$6 50	\$45 00
3-inch pots.....	7 50	55 00
4-inch pots.....	8 50	65 00



**Premier.** A seedling of Ophelia and Russell. The flowers are of Russell type and hold a clear, pure shade of rose-pink throughout the year. It is a free, easy grower, with stems stiff and almost thornless. The foliage is ample. A distinct and valuable addition to the list of good Roses.

**Sensation.** The color is an entrancing shade of red. The bud long, pointed and the open flower beautiful, with extreme size and good color to the last.

	Doz.	100
2¼-inch pots, grafted.....	\$7 00	\$50 00
3-inch pots, grafted.....	7 50	55 00
4-inch pots, grafted.....	8 50	65 00

**Templar.** A clear, even shade of red that does not change to blue or purple as the flower ages—a color that holds well at all times and at all seasons. The stem is good. It does not make, as a rule, extra-long grades without pinching, due to the number of flower shoots made, but it does, when pinched, show the Premier characteristic of making long growths above the pinch. Templar is wonderfully free-flowering. This ability to grow and to produce in winter is its strongest point. At no time will this Rose stop growing freely. It is the most fragrant Rose we know. That is a big asset to any Rose, and a red Rose, especially, needs fragrance. Templar has fragrance and lots of it.

	Doz.	100
2¼-inch pots, grafted.....	\$7 00	\$50 00
3-inch pots, grafted.....	7 50	55 00
4-inch pots, grafted.....	8 50	65 00

## SPRINGFIELD ROSE FOOD

An organic fertilizer, containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for Roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms.

Enthusiastically acclaimed by leading commercial growers and by members of the American Rose Society in all sections of the country. 10 lbs. \$1; 25 lbs. \$2; 100 lbs. \$5.



# WATERER'S SELECT FRUITS

## Small Fruits

### BLACKBERRIES

Price of Blackberries, \$1 per doz.; \$7 per 100

- Erie.** Early; hardy and productive; large, sweet fruit of excellent quality.  
**Eldorado.** Sweet, melting, and rich. A valuable variety, being hardy and very productive.  
**Mersereau.** An enormous producer of extra-size berries, which are brilliant black, and retain their color under all conditions; very sweet and without core.  
**Ward.** Produces an enormous crop of extra-large, glossy black berries, which are rich, sweet, and tender and with no hard core.

### CURRANTS

Price of Currants, \$3.50 per doz.; \$20 per 100

- Fay's Prolific.** Best of all the red Currants. A great bearer, with long stems. Subacid.  
**Wilder.** Strong grower, quite unusually productive, and of extra-good quality. Red.

### GOOSEBERRIES

Price of Gooseberries, \$3.50 per doz.; \$20 per 100

- Downing.** Large, solid, very firm berries. The bush is unusually free from mildew and produces great quantities of light-colored berries of excellent quality.  
**Houghton.** The medium-sized berries are red when ripe and sweet; very productive. One of the best sorts for general purpose planting.

### GRAPES

Price of Grape-Vines, 50 cts. each; \$5 per doz.

- Concord.** Ripens in early August. Fruit dark purple, almost black, large, juicy, sweet, and delicious. Because of its extremely high merit, Concord has become the most popular Grape in the country.  
**Moore's Early.** Ripens a little before the Concord. Very deep black berries, unusually large, and of extra-fine quality. The bunches are medium size, but are held together firmly. They stand handling and shipping unusually well and have an established reputation on all markets.  
**Delaware.** Ripens a little later than Concord. Berries are deep red and carried in small, compact bunches; skin is thin, but quite firm; flesh is sweet and of the best quality.  
**Niagara.** Ripens in late August. Leading white market variety. Bunches of berries large; color greenish white, changing to pale yellow when fully ripe; excellent quality.

### RASPBERRIES

Price of Raspberries, \$1 per doz.; \$7 per 100

- Cumberland.** (Blackcap.) The largest Raspberry known; immensely productive.  
**Cuthbert.** Berries very large, conical, rich crimson. One of the old-time favorites.  
**King.** In this extra-early variety are united earliness, bright color, firmness, and excellent quality of its berries, with vigorous growth, productiveness, and hardness of cane. Its crimson berries are exceedingly bright in color and firm.  
**Ranere** (St. Regis). Fruit ripens very early and bears extremely heavy crops that sell for fancy prices because of its earliness. All summer, until frost, it gives fair to good pickings, dependent in part on the season. Extremely hardy, vigorous, and free from disease.

### STRAWBERRY PLANTS

Price of the following Layer Strawberry Plants. \$1 for 25; \$1.50 for 50; \$2 per 100; \$15 per 1,000. We can supply most all other popular varieties though not offered here.

Big Joe  
 Brandywine  
 Campbell's Early  
 Chesapeake  
 Premier  
 Senator Dunlap  
 Sharpless  
 William Belt

Strawberry

## Choice Fruit Trees

Strong, Selected Stock  
 (These can be shipped by express only)

### APPLES

Price of Apple Trees, 5 to 6 feet high, \$1.75 each; \$9 for 6; \$15 per doz.

- Delicious.** Winter. Brilliant dark red, shading to yellow at the blossom end; flesh white and tender; large size.  
**Grimes.** Ripens fairly late. Skin golden yellow; flesh yellow; flavor rich and spicy; slightly acid.  
**Jonathan.** Late fall. Skin is brilliant red. Flesh white, juicy and fine-grained; size medium to large.  
**McIntosh.** Winter. Color bright deep red; flesh white, with slight pinkish tinge; medium to large.  
**Oldenburg** (Duchess of Oldenburg). Early. Yellow streaked with red; flesh white and juicy; medium size.  
**Rome Beauty.** Winter. Yellow overlaid with stripes; quality excellent; late bloomer. Fruit keeps well.  
**Stayman Winesap.** Winter. Dark red skin, tinged with yellow; flesh yellow; medium to large. Succeeds on poor soil. Always dependable.  
**Wealthy.** Fall. Skin almost solid red; flesh white or little stained, juicy and crisp; size medium.  
**Williams.** Very early. Skin a dark, rich red; flesh white, juicy, slightly tart; size large.  
**Winesap.** Winter. Bright red skin; flesh yellow; medium to large. Bears regularly.  
**Yellow Transparent.** Ripens extremely early. Skin clear yellow; flesh white; the flavor, while slightly acid, is excellent; size medium to large. Bears early.  
**York Imperial.** Winter. Greenish yellow, overlaid with red stripes; flesh juicy, slightly coarse; medium size. Keeps well.

### CHERRIES

Price of Cherry Trees, 5 to 6 feet, \$2 each; \$9 for 6; \$15 per doz.

- Black Tartarian.** (Sweet.) Large; purplish black; immense bearer.  
**Early Richmond.** (Sour.) Dark red; medium size; splendid flavor.  
**Governor Wood.** (Sweet.) Fruit light red, larger than most varieties, with rich, sweet flavor; hangs well on the tree. Trees are reasonably strong growers and free bearers.  
**Large Montmorency.** (Sour.) Light red; very productive.  
**Napoleon.** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

### PEACHES

Price of Peach Trees, 5 to 6 feet, \$1.25 each; \$6 for 6; \$10 per doz.

- Brackett.** Ripens after Elberta. Orange-yellow skin, tinged with carmine; flesh is deep yellow, highly flavored; large to very large. Freestone.  
**Belle of Georgia.** Ripens early in August. Color creamy white, with red cheek; flesh white with some red near the pit; large. Freestone.  
**Elberta.** Ripens middle of August. Yellow skin, with deep red cheeks; flesh is golden yellow, red at the pit, firm and juicy; runs from large to extra large. Freestone.  
**Hiley.** Ripens last of July. Yellowish white skin with deep red cheek; flesh white and very juicy; large size. Freestone. Very hardy.  
**Carman.** Ripens third week in July. Yellowish white skin, with creamy white flesh, slightly tinged with red; good size. Freestone.

### PEARS

Price of Pear Trees, 5 to 6 feet, \$2 each; 6 for \$10.50; \$17.50 per doz.

- Bartlett.** Early. Yellow, shaded blush; very sweet and juicy.  
**Kieffer.** Winter. Fruit large to very large; skin yellow, with light vermillion cheek; flesh brittle, very juicy. Most popular canning Pear.  
**Seckel.** Small; yellowish brown; very sweet and juicy.

### PLUMS

Price of Plum Trees, 5 to 6 feet, \$2 each; 6 for \$10.50; \$17.50 per doz.

- Abundance.** Ripens in mid-July. Skin light amber-color, turning to bright cherry-red. Flesh is light yellow and very juicy.  
**Burbank.** Ripens in late August and early September. Skin nearly red. Flesh deep yellow, sweet, and of a peculiar flavor.



# Fertilizers for the Farm, Lawn, Garden and Greenhouse

Prices on Fertilizers subject to change without notice

**Plant Food, Stadler's Superior.** Superior Plant Food is odorless, soluble in water, and immediately available to plant growth. 3-oz. can 25 cts.; 7-oz. can 50 cts.; 16-oz. can \$1.

**Plant Food, White Rose.** For house, garden or conservatory. 1-lb. can 25 cts.; 5-lb. can 75 cts.

**Ashes, Hardwood.** Apply 1,000 pounds per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. 25 lbs. 85 cts.; 50 lbs. \$1.50; 100 lbs. \$2.50; 200-lb. bbl. \$4.25; 1,000 lbs. \$18; ton \$35.

**Bacteria, Mulford Culture.** For inoculating clovers and other legumes, such as beans, peas and such other plants that have blossoms similar in shape and form to the above named. When ordering please state for what crop you desire to use it. Trial bottle 35 cts.; ¼-acre size 75 cts.; acre size \$1.50; 5-acre size \$5.

**Blood, Dried.** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. 60 cts.; 10 lbs. \$1; 25 lbs. \$2; 50 lbs. \$3.50; 100 lbs. \$6.75; 200 lbs. \$12.

**Bon Arbor No. 1.** Is immediately soluble in cold water, therefore all the properties are available to plant-life from the moment of application. It is quick in action, enabling you to see its effects in from three to ten days on any quick-growing plants, vegetables, and lawns, and on slower-growing plants in a proportionate time. (One pound dissolved in water will make 30 gallons.) Lb. 65 cts.; 5 lbs. \$3.

**Bone Flour.** Ground perfectly fine. An excellent fertilizer for pot plants or beds where an immediate effect is wanted. 5 lbs. 50 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5; 200 lbs. \$8.50; 1,000 lbs. \$37.50.

**Bone-Meal.** We recommend this especially for lawns, gardens, and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1,000 pounds per acre. 3 lbs. 25 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.40; 50 lbs. \$2.50; 100 lbs. \$4; 200 lbs. \$7.50; ½-ton \$32.50; ton \$60.

**Cattle or Cow Manure, Shredded.** For garden, lawn, and greenhouse, and especially good to mix with compost. 100 lbs. \$3.50; 500 lbs. \$16.25; 1,000 lbs. \$30; ton \$55.

**Chrysanthemum Manure (Thomson's Special).** Entirely soluble and very powerful. Especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. 28-lb. bag \$4; 56-lb. bag \$7.

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28-lb. bag \$3.75; 56-lb. bag \$6.25; 112-lb. bag \$12.

**Corn and Oats Fertilizer.** This contains the necessary ingredients for increasing the yield of corn and oats. Sack of 200 lbs. \$5.50; 1,000 lbs. \$25; ton \$45.

**General Crop Grower.** This is a combination brand of fertilizer containing 1 per cent. ammonia, 8 per cent. phosphoric acid, and 1 per cent. potash. Sack of 200 lbs. \$4.50; 1,000 lbs. \$20; ton \$36.

**Horn Shavings.** Used principally for mixing in potting soil; is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs. 65 cts.; 10 lbs. \$1.10; 25 lbs. \$2; 50 lbs. \$3.75; 100 lbs. \$7.

**Humus, Alphan Prepared.** An excellent article to incorporate with poor soil in the garden, greenhouse, or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. 90 cts.; 100 lbs. \$2.75; 500 lbs. \$10; 1,000 lbs. \$15.

**Land Plaster.** Apply about 1,000 to 1,500 pounds per acre. For a top dressing on sour and worn-out soils, also for mixing with paris green. 100 lbs. \$2; 200 lbs. \$3.75; ½-ton \$16; ton \$30.

**Lime, Hydrated or Powdered.** Promotes growth and gives the grass a rich color. Apply 1 ton per acre on fields or ½-ton on lawns. 10 lbs. 45 cts.; 125-lb. sack \$2.25; 500 lbs. \$8; 1,000 lbs. \$14; ton \$27.

**Nitrate of Soda.** Apply 200 or 300 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. Lb. 15 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.75.

**Salt.** Used as a top dressing for asparagus beds. Should be applied early in the spring at the rate of 800 to 1,000 pounds per acre. 100 lbs. \$2; 200 lbs. \$3.25; ½-ton \$13; ton \$25.

**Sheep Manure.** Apply 1,000 pounds per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant-food. For garden, lawn, or greenhouse use, nothing surpasses sheep manure. It is clean and easily handled, besides giving immediate results. 2 lbs. 25 cts.; 5 lbs. 40 cts.; 10 lbs. 65 cts.; 25 lbs. \$1.25; 50 lbs. \$2; 100 lbs. \$3.50; 500 lbs. \$16.50; 1,000 lbs. \$30; ton \$55.

**Soot, Imported Scotch.** This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2; 112 lbs. \$7.

**Stim-U-Plant.** A plant-food in tablet form; contains highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable, and ornamental plants, and may be used in tablet or in liquid form. Pkg. (30 tablets) 25 cts.; 100 tablets 75 cts.; 1,000 tablets \$3.50.

**Tankage.** This is usually applied to plants, such as roses, etc., under glass. 100 lbs. \$3.75; 200 lbs. \$6.75.

**Thomson's Special Flower, Vegetable, and Vine Manure.** Imported from England, this excellent chemical fertilizer is a reliable food and stimulant for every fruit-bearing plant, also foliage and flowering plants and vegetables of all descriptions. So compounded as to combine stimulating with lasting effects. 28-lb. bag \$3.75; 56 lbs. \$6.25; 112 lbs. \$12.

**Tobacco Stems.** For fumigating, mulching, and fertilizing; an excellent top dressing for lawns in winter. In bales, 2½ cts. per lb; ½-ton \$17; ton \$32.

**Truckers' Favorite.** A high-grade fertilizer for vegetables. 200 lbs. \$6.50; ½-ton \$30; ton \$55.

## Insecticides, Etc.

Prices subject to change without notice. Directions for using any of the following will be found on each package

**Ant Destroyer.** A powder for destroying ants in lawn, garden or house. ¼-lb. 30 cts.; lb. \$1.

**Aphine.** The recognized standard insecticide. Not a cure-all, but a specific remedy for all sap-sucking insects infesting plant life, such as green, black, or white fly, thrips, red spider, mealy bug, and soft scales. Pt. 70 cts.; qt. \$1.15; gal. \$3.25.

**Aphis Punk.** A nicotine paper for fumigating. Pkg. (12 sheets) \$1; case (12 pkgs.) \$9.50.

**Arsenate of Lead.** (Powdered.) One to 1½ pounds dilutes to 50 gallons of water, or may be used dry, like paris green. Lb. 50 cts.; 5 lbs. \$2.25; 10 lbs. \$4; 25 lbs. \$9; 50 lbs. \$15; 100 lbs. \$27.50.

**Arsenate of Lead.** (Paste.) Unexcelled as a general spray for all leaf-eating pests. Lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$2.75.

**Beetol Spra.** For destroying the Japanese beetle, rose bugs, and other insects. Pt. \$1; qt. \$1.75; ½gal. \$3; gal. \$5; 5 gals. \$20; 10 gals. \$35.

**Black-Leaf 40.** A concentrated solution of nicotine for spraying. 1-oz. bottle 35 cts.; ¼lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

**Bordo-Lead** (Bordeaux and Arsenate of Lead). (Paste.) A combined fungicide and insecticide for fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spot, etc., on roses. Lb. 40 cts.; 5 lbs. \$1.75; 10 lbs. \$3.

**Bordeaux Mixture.** (Liquid.) For all fungous diseases, such as mildew and the various rots of the grape. One gallon will make one barrel of liquid. Gal. \$1.50.

**Bordeaux Mixture.** (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1-lb. box 35 cts. (makes 5 gallons spray); 5 lbs. \$1.25.

**Bug Death.** Used instead of Paris green for eating insects on potatoes, cucumbers, squash and currants, etc. Lb. 18 cts.; 3 lbs. 45 cts.; 5 lbs. 75 cts.; 12½ lbs. \$1.50.

**Copper Solution.** (Liquid.) For fungous, mildew, leaf blight, rust, and black-rot. Qt. \$1.50; gal. \$4.

**Fish-Oil Soap.** An excellent summer spray, when something stronger cannot be used, where San José Scale exists. Lb. 25 cts.; 5 lbs. \$1; 10 lbs. \$2; 25 lbs. \$4; 100 lbs. \$15.

**Fish-Oil Soap** (Good's Caustic Soft Soap). 2 lbs. 50 cts.; 5 lbs. \$1.10; 25 lbs. \$3.75.

**Fungine.** Destroys mildew, rust, and other fungi. Qt. \$1; gal. \$3.

**Grape Dust.** For the prevention of mildew on roses, grapes, gooseberries, etc. 5-lb. pkg. \$1; 10 lbs. \$1.85.





## INSECTICIDES, continued

**Hellebore.** For destroying slugs, worms, caterpillars, etc.  $\frac{1}{2}$  lb. 35 cts.; lb. 60 cts.; 5 lbs. \$2.75.

**Kerosene Emulsion.** (Liquid.) For cabbage worm, scale on trees, caterpillar, melon louse, rose bugs, green fly, and lice of all kinds. Pt. 50 cts.; qt. 85 cts.; gal. \$2.25.

**Lemon Oil Co.'s Standard Insecticide.** Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc.  $\frac{1}{2}$  pt. 35 cts.; pt. 60 cts.; qt. \$1;  $\frac{1}{2}$  gal. \$1.75; gal. \$3; 5 gals. \$12.

**Lime-Sulphur.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring. Qt. 55 cts.; gal. \$1.25; 5 gals. \$4.25;  $\frac{1}{2}$  bbl. (30 gals.) \$11.50; bbl. (50 gals.) \$16.

**Lime-Sulphur.** (Dry Powder Form.) Lb. 40 cts.; 5 lbs. \$1.40; 10 lbs. \$2.25; 25 lbs. \$4.75; 50 lbs. \$7.75; 100 lbs. \$15.

**Mag-O-Tite.** Kills flea beetle, cut-worms, cabbage maggot, slugs, onion maggot, wire worms and all underground bugs. Is not injurious to plant life, but a valuable stimulator. Circular upon request. Put Mag-O-Tite in with the seed at the time of planting, and later top dress the soil when plants are up. 2 lbs. 40 cts.; 4 lbs. 65 cts.; 8 lbs. \$1.10; 25 lbs. \$3.

**Melrosine.** Excellent against rose bugs and other pests; will not discolor flower or foliage. Pt. \$1; qt. \$1.75;  $\frac{1}{2}$  gal. \$3.25; gal. \$6.

**Nico-Fume.** (Liquid.) For use as a spray or vapor, for controlling green fly, aphids, etc., in greenhouses and outdoors.  $\frac{1}{4}$  lb. 85 cts.; lb. \$2.50; 4 lbs. \$8.50; 8 lbs. \$16.

**Nico-Fume Paper.** For fumigating greenhouses; gives off dense fumes charged with nicotine. Box (24 sheets) \$1.50; 144 sheets \$5.75; 288 sheets \$10.50.

**Nico-Fume Tobacco Powder.** A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Lb. can \$1.35; 5 lbs. \$7; 10 lbs. \$9.

**Nicotine Fumigator, Hall's.** (12 $\frac{1}{2}$  per cent.) Lb. size \$1.35; 2 $\frac{1}{2}$ -lb. size \$2.75; 10-lb. size \$9.

**Nicotine, Hall's.** (40 per cent.)  $\frac{1}{4}$  lb. \$1.50; 2 lbs. \$4.75.

**Nikoteen.** (30 per cent.) One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a most satisfactory spray as well as vapor. 1-oz. bottle 25 cts.; 1 $\frac{3}{4}$ -oz. bottle 45 cts.;  $\frac{1}{2}$ -lb. bottle \$1.35; lb. \$2.25; 4 lbs. \$7.50.

**Paradichlorobenzine.** For peach-tree borers. Lb. can 75 cts.; 5-lb. can \$2.75; 10-lb. can \$5; 25-lb. keg \$12.

**Paris Green.**  $\frac{1}{4}$  lb. 18 cts.;  $\frac{1}{2}$  lb. 35 cts.; lb. 60 cts.; 5 lbs. \$2.75; 14 lbs. \$6.50.

**Pyrox.** A combined insecticide and fungicide for all leaf-eating insects. Used largely by potato-growers. Lb. 50 cts.; 5 lbs. \$2; 10 lbs. \$3.50; 25 lbs. \$7; 50 lbs. \$12.50; 100 lbs. \$21; 300 lbs. \$58.50.

**Readeana Rose Bug Exterminator.** Dilute and apply as a spray. Harmless to the most delicate plant. 8 ozs. 50 cts.; 24 ozs. \$1; gal. \$4.

**Scale Destroyer, Target Brand.** Qt. 60 cts.; gal. \$1.50.

**Scalecide.** Used for the destruction of the San José scale. Spray during the winter or early spring when the trees are dormant. Qt. 60 cts.; gal. \$1.50; 5 gals. \$6.50; 10 gals. \$11; 30 gals. \$27; 50 gals. \$39.50.

**Soap Spray, Imp.** The base of this spray is a soap containing vegetable poisons and particularly effective against red spider on fruit, the rhododendron fly, and all insects affecting the rose. Pt. 65 cts.; qt. \$1; gal. \$3.

**Slug Shot, Hammond's.** One of the cheapest and best powders for destroying insects. 1-lb. canister 18 cts.; 5 lbs. 60 cts.; 10 lbs. \$1.20; 25 lbs. \$2.75.

**Sulphur, Powdered.** For mildew. Lb. 10 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$2; 100 lbs. \$7.50.

**Thrip Juice, Hammond's.** This preparation is very effective against aphids, red spider, mealy bugs, and sucking insects generally. Pt. 85 cts.; qt. \$1.40.

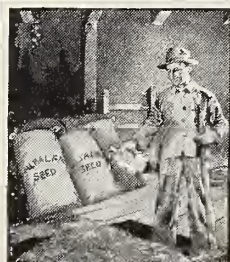
**Tobacco Dust, Stoothoff's.** For burning or dusting; state which is wanted. Lb. 10 cts.; 5 lbs. 45 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.

**Tree Tanglefoot.** A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long. Lb. can 50 cts.; 5 lbs. \$2.40.

**Vermine.** A soil-sterilizer and germicide. Destroys eel, cut, wire, and grub worms, maggots, root-lice and ants. Used one part to 400 parts water, it does not injure plants, but protects your crops against ravages under the soil. Qt. \$1; gal. \$3.25.

**Weed-Killer.** For the destruction of weeds and grass on roadways, paths, gutters and places where no growth is wanted. One gallon diluted makes 40 gallons treating liquid, enough to cover an area of 500 to 1,000 square feet. Qt. 55 cts.; gal. \$1.75; 5 gals. \$6.75; 30 gals. \$33; 50-gal. bbl. \$50.

**Wilson's O. K. Plant Spray.** A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc., for inside and outside spraying. Qt. \$1; gal. \$3.



Increase Your Crops  
WITH  
**Mulford Cultures**  
FOR LEGUMES

Small Cost    Large Returns    Easy to Use    No Labor Expense



**Mulford Cultures** contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

**Mulford Cultures** are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

**Legumes offer the best known means** of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

ALFALFA  
CRIMSON CLOVER  
SWEET CLOVER

RED CLOVER  
ALSIKE CLOVER  
COW PEAS

SOY BEANS  
VETCH

SWEET PEAS  
GARDEN PEAS

GARDEN BEANS  
LIMA BEANS

and others

Five-acre-size, \$5      One-acre-size, \$1.50      One-fourth-acre-size, 75 cts.  
Small size (supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans, and Sweet Peas) 35 cts.  
(These prices include delivery on freight shipments)

## SPECIAL NOTE

The quantity of bacteria furnished in the **MULFORD CULTURES** is based on the area or acreage to be inoculated and we recommend that, for best results, the cultures be used on this basis. You will find it the most economical and effective plan, in the long run.

In the case of some crops, which are sown with a comparatively small amount of seed per acre, there is sufficient **MULFORD CULTURE** in a package to inoculate seed for two or three times the acreage indicated on the label.

If you are willing to risk the success of your crop by spreading the culture more thinly over a larger area, you will find **MULFORD CULTURES** to be the most economical form of legume inoculation on the market.

Free descriptive folder sent upon request



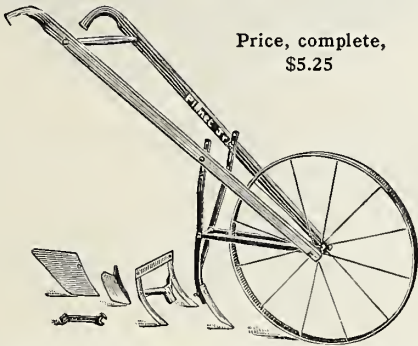


## Planet Jr. Farm and Garden Tools



These are the greatest time, labor, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed. Ask for special Planet Jr. catalogue.

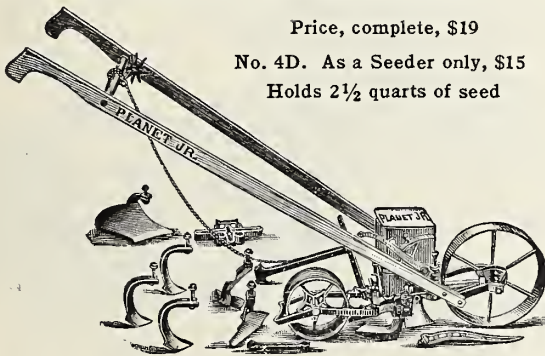
### No. 119 Planet Jr. Garden Plow and Cultivator



Price, complete,  
\$5.25

This new member of the "Planet Jr." family will appeal to all those who prefer a high-wheel tool for their garden work. The equipment is so complete that it will meet all the needs of the ordinary garden, where the adjustments and refinements of the higher priced Wheel Hoes are not required.

### No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, and Plow



Price, complete, \$19  
No. 4D. As a Seeder only, \$15  
Holds 2½ quarts of seed

This tool combines in a single convenient implement a first-class Hill and Drill Seeder, having the same sowing device as the No. 3 Seeder, with a Wheel Hoe, Cultivator and Plow. Popular with gardeners.

### No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

Price, \$11.50

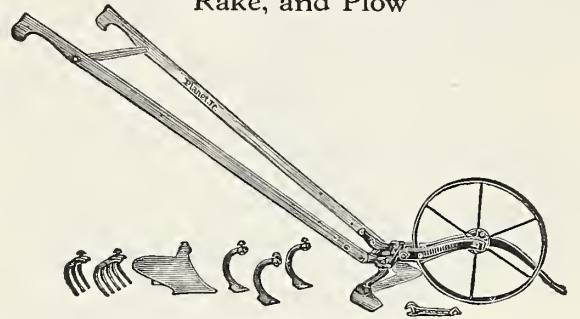


A Double and Single Wheel Hoe in one. 14-inch steel wheels. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels. The greatest hand-cultivating tool made.

### Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken raisers for plowing up scratching yards. Price, \$4.25.

### No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake, and Plow

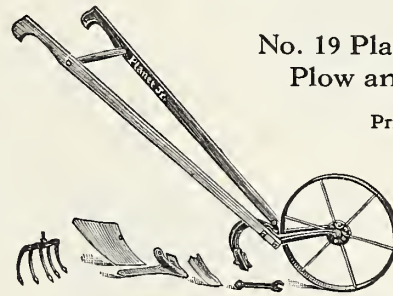


Designed to do all work required in the small garden. Plowing, cultivating, hoeing, and raking. It is very light, and can therefore be easily carried about. \$9.50.

**NO. 17. SINGLE WHEEL HOE.** Identical with No. 16, excepting that the two rakes and leaf-guard are not supplied. \$8.

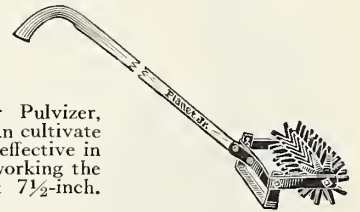
### No. 19 Planet Jr. Garden Plow and Cultivator

Price, \$6.25



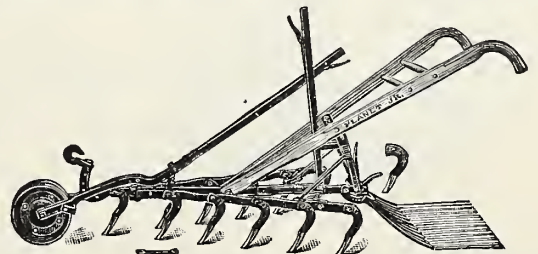
### Planet Jr. Star Pulverizer

With the new style Star Pulverizer, Cultivator, and Weeder one can cultivate where plants are close. Very effective in preparing seed-beds and for working the flower-garden. Width of cut 7½-inch. \$375.



### Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

No. 90 Complete, with Steel Wheel .....	\$19 00
No. 90B without Pulverizer .....	15 75
No. 90D without Pulverizer or Wheel .....	12 75



With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches.



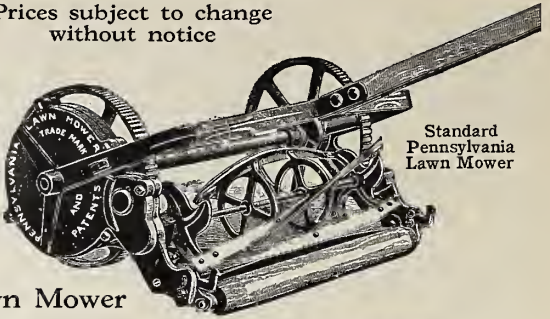
# LAWN MOWERS

Prices subject to change  
without notice

## Standard Pennsylvania Lawn Mower

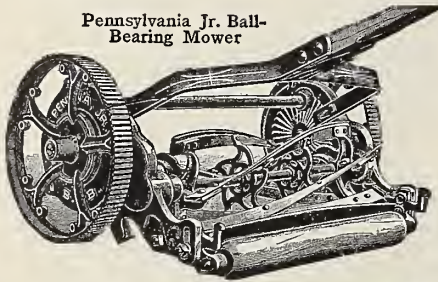
A high-grade Mower of excellent quality, having an open cylinder, open wheels, and a train of gears. The cutting blades are of the finest crucible tool steel. The height of cut is adjustable from  $\frac{3}{8}$  to  $1\frac{1}{2}$  inches, and grass 6 inches high can be cut with this Mower.

High wheel, $10\frac{1}{2}$ -inch diam., 4 blades—	Low wheel, 8-inch diameter, 4 blades—
15-inch cut.....\$27 00	12-inch cut.....\$15 00
17-inch cut.....30 50	14-inch cut.....18 00
19-inch cut.....34 50	16-inch cut.....20 00
21-inch cut.....38 50	



Standard  
Pennsylvania  
Lawn Mower

Pennsylvania Jr. Ball-  
Bearing Mower



## The Continental Lawn Mower

The machine for high grass and rough lawns. The Continental is double geared while the Pennsylvania is single geared. High wheel,  $9\frac{1}{2}$ -inch diameter, 4 blades—

15-inch cut.....\$27 00	19-inch cut.....\$34 50
17-inch cut.....30 50	21-inch cut.....38 50

## Pennsylvania Jr. Ball-Bearing Mower

Five blades of crucible tool steel. Lower knife, of raised edge pattern, made of the same steel. It is of such construction as to make it self-sharpening until entirely worn out. Ball-bearing cylinder journals. Bearings are the best, adjustment the finest. Double train of gears, on each side, insuring smooth work on the uneven lawn.

High wheel, 10-inch diam.

15-inch cut.....\$27 00	19-inch cut.....\$34 50
17-inch cut.....30 50	21-inch cut.....38 50

Low wheel, 8-inch diam.

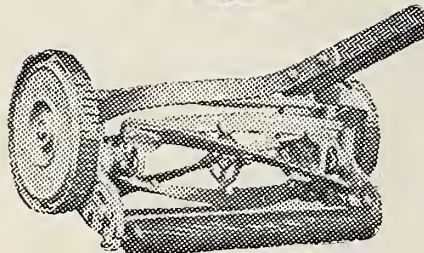
12-inch cut.....15 50	16-inch cut.....21 00
14-inch cut.....18 50	18-inch cut.....24 00

## Pennsylvania Golf Lawn Mower

For putting greens and close cutting around golf courses, tennis courts, etc.; equipped with an iron roller of small diameter in place of the usual wooden roller.

High wheel, ball-bearing, 7-blade cylinder—

17-inch cut.....\$34 00	21-inch cut.....\$42 00
19-inch cut.....38 00	



Jewel Lawn Mower

## Jewel Lawn Mower

The best Mower for the price. Made by the Coldwell Lawn Mower Co., to meet the demands for a fairly good, low-priced Mower, where the size of the lawn does not justify a heavy outlay.

High wheel, 4-blade cylinder.

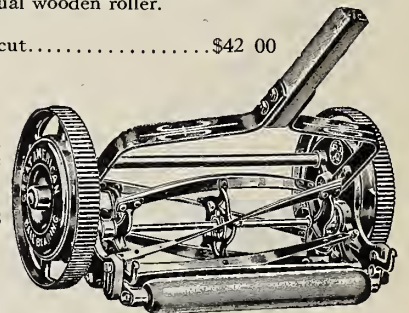
12-inch cut.....\$9 25	16-inch cut.....\$10 75
14-inch cut.....10 25	

## Great American Ball-Bearing Lawn Mower

A high-class machine at a medium price. The perfectly fitting ball cups insure an easy running machine.

10-inch wheels; 5-blade cylinder.

15-inch cut.....\$19 50	19-inch cut.....\$25 00
17-inch cut.....22 50	21-inch cut.....28 00



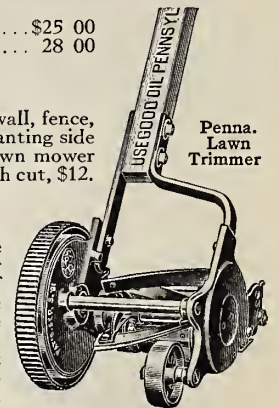
Great American Ball-Bearing Lawn Mower

## Pennsylvania Undercut Lawn Trimmer

The unique construction of the undercut trimmer permits cutting close to a wall, fence, tree, and other places hitherto out of reach of anything but hand shears. The slanting side plate and conical cylinder make it possible to cut all grass which the regular lawn mower will not reach. Ball bearing, with  $9\frac{1}{2}$ -inch drive wheel; 4-blade cylinder;  $5\frac{1}{2}$ -inch cut, \$12.

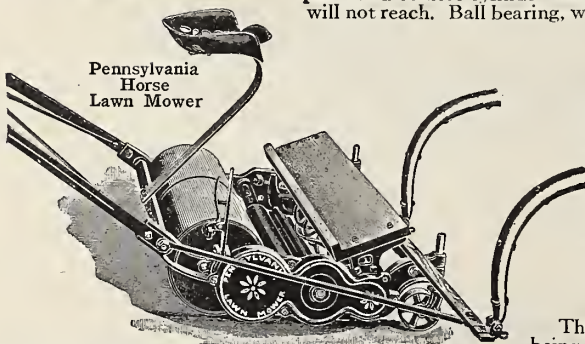
## Pennsylvania Lawn Trimmer

Made to meet the demand for a serviceable tool to take the place of grass shears and other devices for cutting the grass left at the edge of lawns or borders after mowing. This machine will cut to within  $\frac{3}{8}$  of an inch of a wall or tree trunk, and mow any grass border wide enough to run one wheel on. The blades are of best crucible steel; it is ball bearing and self sharpening. Equipped with an 8-inch drive wheel and a 4-blade cylinder; 6-inch cut, \$12.



Penna.  
Lawn  
Trimmer

Pennsylvania  
Horse  
Lawn Mower



## Pennsylvania Horse Lawn Mower

The Standard machine is adapted to hilly, rolling lawns, while the Grand style, being heavier in construction and weight, is the ideal machine for level lawns and grounds; it serves as a lawn roller as well as a mower.

### Standard or Regular Style

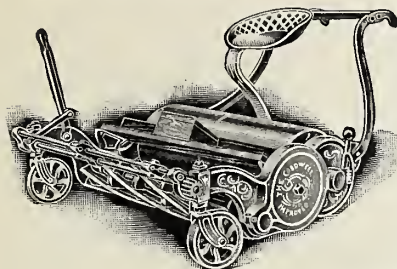
4-blade cylinder.

25-inch cut Pony, with wooden rear roller.....	\$60 00
30-inch cut, with draft irons and handles.....	115 00
30-inch cut, with seat and shafts.....	140 00
38-inch cut, with draft irons and handles.....	150 00
38-inch cut, with seat and shafts.....	175 00

### Grand Horse Mower

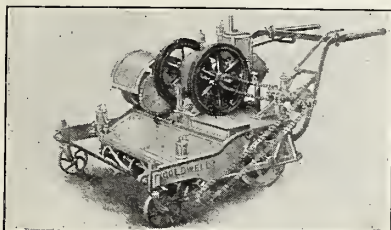
30-inch cut, with draft irons and handles.....	\$130 00
30-inch cut, with seat and shafts.....	155 00
38-inch cut, with draft irons and handles.....	165 00
38-inch cut, with seat and shafts.....	190 00





### Coldwell Horse Lawn Mower

Is used in many public parks and private estates. Price, complete with shafts, seat and side-draft attachment, which keeps the horse on the cut grass, 30-inch cut \$120; 35-inch \$132.50.

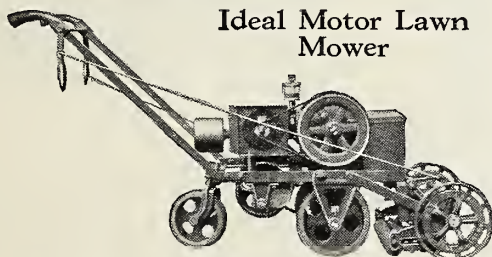


### Coldwell Motor Mowers

Capable of propelling up grades as steep as 25 per cent. These Mowers are sold for net cash f. o. b. Newburgh, N. Y.

Type of Models G and H

Model M. 40-inch cutting area.....	\$1500 00
Model C. 35-inch cutting area.....	450 00
Model H. 30-inch cutting area.....	400 00
Model L. 25-inch cutting area.....	325 00



### Ideal Motor Lawn Mower

A very successful power Mower. Will mow from 4 to 5 acres of grass per day, at a cost of 50 cents for fuel and oil. Prices f. o. b. Philadelphia. 22-in. cut \$260 (without riding attachment); 30-in. cut \$375 (without riding attachment). Riding attachment for 30-inch machine only, \$20 extra.



### Planet Jr. No. 2, Grass Edger

Extremely simple to operate; made of high-grade steel. Does the work more rapidly and easily than the regular edging knife. The disc is made of high-grade steel and will last for years. \$2.

### Grass Catcher (Braun's)

Made to fit the Pennsylvania, Continental, and Great American Mowers.

12-inch.....	\$3 00	17-inch.....	\$3 75
14-inch.....	3 25	18-inch.....	3 75
15-inch.....	3 50	19-inch.....	4 00
16-inch.....	3 50	21-inch.....	4 25

### Lawn Boots FOR HORSES

Made of very heavy sole leather, waterproofed and finished black. The sole is reinforced with steel rivets. Set of four, \$16.

### Rubber Aprons

For protecting the clothing while watering or doing any work in the garden. \$2.50.

### Rubber Sprinklers

Either Straight-Neck or Crook-Neck.

Spraywell, 6-oz. capacity.....	\$0 85
8-oz. capacity.....	1 00
10-oz. capacity.....	1 25
Scollay No. 1, 10-oz. capacity.....	1 50

### The Pennsylvania Lawn-Cleaner

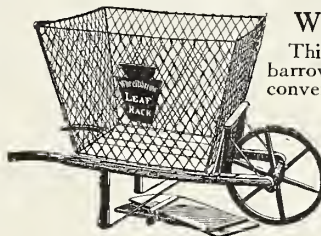
This hand machine will remove from the lawn not only the cut grass, but all sorts of leaves and litter, leaving the grass standing upright. It is easy to operate, and, with it, one man will do more and better work than four men with hand rakes. 24-inch rake, \$32; 36-inch rake, \$45.

Sweeping Brushes, for the above Lawn-Cleaner, \$9 per set of three, when purchased separately.



### Wheelbarrow Leaf-Rack

This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use. Price, not including wheelbarrow, \$8.

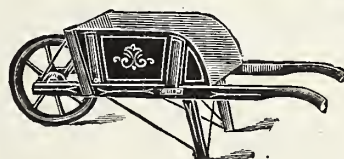


### Leaf-Rack and Truck

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck.

Leaf-Rack only, no truck \$8.

Leaf-Rack and Truck. With 3½-inch tires (steel wheels) \$23.



### Wheelbarrows

For garden, farm and green-houses

No. 3, 1½-inch tire, \$8.25; No. 4, 3-inch tire, \$9; No. 5, 3-inch tire, \$10.

Special Greenhouse Style. Narrow body and handle width, \$11.

### Water Barrel and Truck



The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf-rack attached. 3½-inch tire Truck, all-steel wheels, with barrel, \$21.50.

Extra barrels with trunnions, open head, \$6.50.

Truck with 3½-inch tire wheels, no rack or barrel, \$15.

### Watering Cans

Wotherspoon's. Galvanized; extra heavy, with long spout and two roses—one coarse and one fine.

	Round	Oval		Round	Oval
4-quart.....	\$3 75		10-quart.....	\$4 75	\$5 50
6-quart.....	4 00	\$4 75	12-quart.....	5 25	6 00
8-quart.....	4 50	5 00	16-quart.....	5 75	6 75

Extra Roses or Sprays. For Wotherspoon Watering-Can, either coarse or fine, 60 cts.



### Water-Ballast Lawn Rollers

Fill it with water, which will weight it up to any number of pounds desired, as shown below. Equipped with feature for balancing handles, which always keeps the handle in position ready for use; ball axle bearings.

No.	Sec- tions	Diam. in.	Length in.	Weight empty	Weight filled with water	Price
601.....	1	14	21	70	175	\$17 00
602.....	1	18	24	85	265	20 00
603.....	1	24	24	110	420	23 00
604.....	1	24	32	130	565	26 00

### Hand Lawn Rollers

These Rollers are of neat finish, with beveled edges and a smooth surface; very strong and durable. A roller weighing from 200 to 350 pounds can be readily handled by

No.	Diam. in.	Length width in.	No. of sections	Weight lbs.	Price
501.....	15	15	2	175	\$18 40
502.....	15	22	3	250	21 85
504.....	20	20	2	250	24 15
507.....	20	24	2	300	28 75
508.....	20	30	3	350	33 35
509.....	24	20	2	400	39 10
511.....	24	24	3	450	42 55
512.....	24	30	3	500	48 30
514.....	28	24	3	500	48 30

### Spring-Tooth Magic Weeder Hoes

**Style A.** Length over all, 9 $\frac{1}{4}$  in. 25 cts.

**Style B.** Same as A but with 18-in. handle. 35c.

**Style D.** Weeder and Hoe combined. 50 cts.

**Style F.** 75 cts.

**Style H.** Weeder and Hoe combined. 4 $\frac{1}{2}$ -ft. handle. Very strong. \$1.25.

### Square Hoes

6-inch, Solid Shank.....\$1 10  
7-inch, Solid Shank..... 1 15  
8-inch, Solid Shank..... 1 20  
10-inch, for celery..... 1 75

### Half-Moon Hoes

Best steel; solid sockets.

3-inch....\$0 95 | 6-inch.....\$1 15  
4-inch.... 1 05 | 7-inch..... 1 20  
5-inch.... 1 10 | 8-inch..... 1 25

### Two-Prong Onion Hoe

Will be found very valuable in weeding in narrow rows. 75 cts.

### Warren Hoes

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering.

No. W7.....\$1 20 | No. W7 $\frac{1}{2}$ .....\$1 30  
**Baby Warren Hoe.** Short Handle. 70 cts.

### Scuffle Hoes

Made of best steel.

5-inch.....\$1 10  
6-inch..... 1 20  
7-inch..... 1 30  
8-inch..... 1 40  
10-inch..... 1 60

**Handles for Scuffle Hoes, 25c., extra.**

### Hoe and Rake Combined

An excellent tool for ladies. Made of the very best steel.

4-prong.....\$1 00  
6-prong..... 1 10

### Rakes

#### Wire Lawn Rake.

Made of heavy tinned steel wire. The rake is reversible.

24-tooth.....\$0 85 | 36-tooth.....\$1 50

**Automatic Lawn Rake.** A backward motion of the operator clears all the teeth at once.

Wood, 26-tooth.....\$1 50

Wood, 38-tooth..... 1 85

**Wooden Rakes, Ames.** No. 37X. 24-tooth, Steel Bows, \$1.40.

**Wire Braced.** 20-tooth, Lawn, 85 cts.

**Japanese Broom Rake.** Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom. \$1.

**Ole Olsen Lawn Rake.** Made of best hard wood, well braced; teeth set close together.

**Hickory Wood.** 26-tooth. Price, \$1.25.

**Steel Garden Rakes.** Made of best cast steel, with long teeth.

8-tooth.....\$0 90 | 14-tooth.....\$1 05  
10-tooth..... 95 | 16-tooth..... 1 10  
12-tooth..... 1 00

#### Steel Gravel Rakes.

12-tooth.....\$1 10 | 16-tooth..... 1 30  
14-tooth..... 1 15 | 18-tooth..... 1 40

**Steel-Bow Rakes.** Preferred by many to the regular garden rake, the teeth being slightly bent toward the operator.

12-tooth.....\$1 10 | 16-tooth.....\$1 30  
14-tooth..... 1 20

### THE "OUT-U-KUM" WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price of the Out-U-Kum Weed Puller \$1 each

### Shovels

#### Long Handle

Ames, round point.....\$2 50  
Portage City, round point..... 2 25

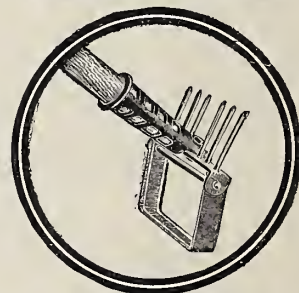
#### Short Handle

Ames, Round Point..... 2 50  
Ames, Square Point..... 2 50  
Portage City, Round Point..... 2 25  
Portage City, Square Point..... 2 25

### Steel Spades

Ames, Short Handle..... 2 50  
Portage City, Short Handle..... 2 25

### The Gilson Weeder



Does the work of a common hoe, but four times as fast, with half the labor, and changes into a first-rate rake when you turn it upside-down. Six-foot handle lets you stand straight.

Each  
5-inch blade.....\$1 25  
6-inch blade..... 1 35



**Gilson Liberty  
Adjustable  
Cultivator**

Attached to 5-foot handle adjustable, to the rows; straddle rows by simply taking out center tooth. Each  
With 5-foot handle.....\$1 75



# Miscellaneous Garden Tools and Supplies

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**Asparagus Buncher, Acme.**

\$3.75.

**Asparagus Knives.** 75 cts.



Asparagus Knife

**Axes.** \$2.75 and \$3.25.

**Baskets.** For gathering leaves, vegetables,

etc., 1-bus. size \$1.25; 1½-bus. size \$1.

**Baskets, Splint, or Chip.** With handle;

¼bus. \$1.60 per doz.; ½bus. \$1.85 per

doz.; ¾bus. \$3.25 per doz.; 1 bus. \$4.50

per doz.

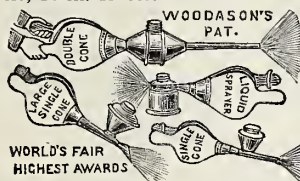
**Baskets, Rubbish.** 3 bus., rope handles,

\$4.50.

**Baskets, Hanging.** Galvanized wire, 8 in.

30 cts.; 10 in. 40 cts.; 12 in. 60 cts.; 14 in.

70 cts.; 16 in. 85 cts.



**Bellows, Woodason's Powder.** Large

double cone, \$6.75; large single cone, \$4.75;

small single cone, \$3.25.

**Sulphur Bellows, \$4.**

**Boxes, Cardboard, Flower.**

Size, inches

16 x 4 x 3 Doz. 100

18 x 7½ x 3½ \$0 80 \$4 80

21 x 8 x 4 1 15 7 20

24 x 5 x 3½ 1 40 8 70

24 x 8 x 4 1 10 7 05

24 x 5 x 4 1 55 9 45

23 x 12 x 5 3 00

28 x 8 x 5 2 40

30 x 9 x 4 2 50

30 x 9 x 6 3 10

36 x 6 x 5 2 80

36 x 8 x 5 3 00

36 x 12 x 6 4 30

**Brooms, Stable or Road.** Rattan or

cocoa \$1.50.

**Brooms, Upright.** Corn \$1; corn and

rattan \$1.20.

**Carnation Supports, Model.** Wire, 2-

ring, \$1 per doz.; \$6.50 per 100; 3-ring,

\$1.25 per doz.; \$7 per 100.

**Carnation Supports, Richmond.** 24

inches high, 3-ring, double. \$1.50 per doz.;

\$7.50 per 100; \$67.50 per 1,000.

**Dibbles.** For trans-

planting plants. Iron

point, 75 cts.; brass

point, \$1.

**Duster, The Dickey.**

60 cts.

**Duster, The B. D.**

Sifter. 75 cts.

**Fruit-Pickers, Wire,**

without pole, 50 cts.

**Fumigating Lamp.**

Metal, for vaporizing

nicotine, 80 cts.

**Garden Tool Sets.** For women and children,

consisting of Rake, Hoe and Shovel, \$2.

**Garden Reels, Iron.** Small, \$1.35.

**Gal-**

**vanized.** Single, \$3; Double, heavy, \$3.75.

**Garden Lines.** Best quality white cotton,

solid braided, 96 ft., \$1.50; 144 ft., \$2.25;

192 ft., \$3; 240 ft., \$3.75.

**Glass Cutters.** Steel wheel, 25 cts.

**Glazing Points, Peerless.** Made in three

sizes: No. 1 for small single thickness

glass; No. 2, for medium double thickness

glass; No. 2½, for large double thickness

glass. 65 cts. per 1,000, postpaid 75 cts.

**Forks, Hand Weeding,** 50 cts.

**Hay.** 2-tine, \$1.50; 3-tine, \$1.75.

**Manure.** D Handle, \$2.25;

Long Handle, \$1.75.

**Spading.** 4-tine, \$2.25; 5-tine,

\$2.75; Boys' \$1.10.

**Garden Tool Sets.** For women and children,

consisting of Rake, Hoe and Shovel, \$2.

**Garden Reels, Iron.** Small, \$1.35.

**Gal-**

**vanized.** Single, \$3; Double, heavy, \$3.75.

**Garden Lines.** Best quality white cotton,

solid braided, 96 ft., \$1.50; 144 ft., \$2.25;

192 ft., \$3; 240 ft., \$3.75.

**Glass Cutters.** Steel wheel, 25 cts.

**Glazing Points, Peerless.** Made in three

sizes: No. 1 for small single thickness

glass; No. 2, for medium double thickness

glass; No. 2½, for large double thickness

glass. 65 cts. per 1,000, postpaid 75 cts.

**Gloves.** Heavy, to protect against briars,

etc. Buckskin or horsehide, \$2 per pair.

**Grafting Wax.** ¼lb. 15 cts.; ½lb. 25 cts.;

lb. 45 cts.

**Grape Bags.** Protect grapes against insects

and birds. Bags should be applied when

grapes are the size of a pea, prior to which

fruit should be sprayed against blight.

String and Button Tied. 2 lbs., \$1.10 per

100; \$10 per 1,000; 3 lbs., \$1.60 per 100;

\$15 per 1,000.

**Grass Edging Knives.** With straight

handles. English, 9 in., \$2.50; American,

9 in., \$1.25.

**Grass Hooks, or Sickles, English.** Riveted

back. No. 2, \$1.10; No. 3, \$1.15. Solid

back, No. 2, \$1. Little Giant, 70 cts.

**Grindstone, Sterling Mounted.** Sub-

stantially made; heavy steel frame with

seat and double treadles; fitted with im-

proved ball bearings, of the very best

quality, encased so they will keep clean.

Stone, 19 to 22 inches diameter, 1¾

to 2¼ inches thick. Weight 100 lbs. Shipped

knocked down, crated, \$11.50.

**Hammers, Steel claw,** \$1.10.

**Hatchets,** \$1.75.

**Hose, Rubber.** Flexo and Non-Kinkable,

¾-in., 20 cts. per ft.; Revere, ¾-in., 18 cts.

per ft.; Electric, ¾-in., 22 cts. per ft.

**Hose Nozzles, Boston.** Copper; coarse or

fine, \$1.35.

**Gem.** Can be regulated to give three dif-

ferent streams, 90 cts.

**Hose Couplings, Brass.** ¾-in., 25 cts. per

pair; \$2.25 per doz.

**Hose Menders, Iron.** ¾-in., \$1 per doz.;

Cooper's Brass, \$1.25 per doz.; Perfect,

\$1.50 per doz.

**Hose Bands, Cald-**

**well's.** 40c. per doz.

**Hose Washers.**

8 cts. per doz.;

¼lb. 25 cts.

**Hose Reels.**

Style B, No. 10,

capacity, 100

ft. of ¾-in.

rubber hose, \$5.

Style B, No. 20,

capacity 150 ft.

of ¾-in. rubber

hose, \$6.

**Hotbed Mats, Improved Standard.** 40 x

76 in., \$2.75 each; \$30 per doz.; 76 x 76

in., \$5 each; \$55 per doz.

**Straw Mats.** 3 x 6 ft., \$2 each; 6 x 6 ft.,

\$3.50 each.

**Hotbed Sash.** Made of best quality cy-

press. Size, 3 ft. 1½ inches wide, 6 feet long.

**Plain,** not glazed or painted. \$4.25 each.

**Glazed,** painted, puttied glass. \$10 each.

**Packing charges on glazed sash, 50**

**cts. each.**

**Knives, Budding.** \$1.75

and \$2.75.

**Pruning, \$1.50.**

**3½ inch**

**Wired Tree Label**

**4 to 6 inch**

**Pot Label**

**8 to 12 inch**

**Garden Label**

**Painted Pot Labels**

100 1,000

4 -inch.....\$0 35 \$2 30

4½-inch..... 40 2 80

5 -inch..... 45 3 05

6 -inch..... 55 3 55

8 -inch..... 1 60 9 50

10 -inch..... 2 00 12 25

12 -inch..... 2 35 14 40

18 -inch, for field use..... 6 25 57 00

**Tree Labels**

If wanted by parcel post, add 10 cts. per

100 for postage. Doz. 100 1,000

**Iron Wired.** Painted. \$0 45 \$2 75

**Copper Wired.** Painted 55 3 25

**Copper Sheet.** Wired \$0 30 1 75

**Zinc Sheet.** Wired... 30 1 75

**Lawn Sprinklers, Enterprise.** Best on

sled base. No. 1, \$6.50.

**Mattocks.** Pick-pointed, with handles,

\$1.50; axe-pointed, \$1.50; Half Mattocks

or Grub Hoes, \$1.50.

**Mole Traps, Reddick, \$1.25.**

**Olmstead, \$2.25.**

**Paper, Manilla.** For wrapping, 24 x 36

inches. ½ream \$2.25; ream \$4.

**Manilla Tissue.** ½ream \$1.15; ream \$2.

**White Wax.** 24 x 36 inches. ½ream

\$1.75; ream \$3.25.

**Green Wax.** 24 x 36 inches. ½ream

\$2; ream \$3.50.

**Picks, with handle, \$1.50.**

**Pruners, Water's Tree.** 4 ft., \$2.50; 6 ft.,

\$3; 8 ft., \$3.25; 10 ft., \$3.50; 12 ft., \$3.75;

14 ft., \$4.25.

**Little Giant Tree Pruner, \$2.25; with**

saw, \$3.

**Saws, Pruning.** Single edge, 18-in., \$1.70;

20-in., \$1.80.

**Double Edge, 18-in., \$1.75; 20-in., \$1.90.**

**Disston Carpenter, 26-in., \$3.50; 28-in.,**

**\$4.**

**Buck or Wood, \$1.50.**

**One-Man Crosscut, 3½-ft. blade, \$3.75.**

**Two-Man Crosscut, 5-ft. blade, \$5.75.**

**Fruit Picker**

**Hose Menders, Iron.** ¾-in., \$1 per doz.;

Cooper's Brass, \$1.25 per doz.; Perfect,

\$1.50 per doz.

**Hose Bands, Cald-**

**well's.** 40c. per doz.

**Hose Washers.**

8 cts. per doz.;

¼lb. 25 cts.

**Hose Reels.**

Style B, No. 10,

capacity, 100

ft. of ¾-in.

rubber hose, \$5.

Style B, No. 20,

capacity 150 ft.

of ¾-in. rubber

hose, \$6.

**Hotbed Mats, Improved Standard.** 40 x

76 in., \$2.75 each; \$30 per doz.; 76 x 76

in., \$5 each; \$55 per doz.

**Straw Mats.** 3 x 6 ft., \$2 each; 6 x 6 ft.,

\$3.50 each.

**Hotbed Sash.** Made of best quality cy-

press. Size, 3 ft. 1½ inches wide, 6 feet long.

**Plain,** not glazed or painted. \$4.25 each.

**Glazed,** painted, puttied glass. \$10 each.

**Packing charges on glazed sash, 50**

**cts. each.**

**Knives, Budding.** \$1.75

and \$2.75.

**Pruning, \$1.50.**



## MISCELLANEOUS GARDEN TOOLS AND SUPPLIES, continued

Scissors, Grape, \$1.50.

Flower. \$1.75.

Screw Drivers.

4-in. blade.....\$0 50	7-in. blade.....\$0 75
5-in. blade.....60	10-in. blade.....1 00



Scythes, English. Riveted back, 34-in., \$3.25; 36-in., \$3.50.

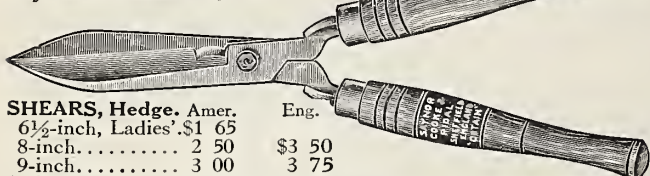
Solid back, 32-in., \$2.25; 34-in., \$2.50.

Scythes, Brush or Briar, \$2.25.

Scythe Stones, Darby Creek, .

30 cts.; Talacre, 35 cts.

Scythe Handles. \$1.75.



SHEARS, Hedge. Amer.

Eng.

6½-inch, Ladies', \$1 65

8-inch.....2 50 \$3 50

9-inch.....3 00 3 75

10-inch.....3 25 4 50

Grass Border. 8-in., \$3; 10-in., \$4. With wheel, 9-in., \$4; 10-in., \$4.25.

Sheep, or Grass. \$1,

\$1.50, and \$1.75.

Lopping. \$4, \$5.25, \$6,

and \$7.

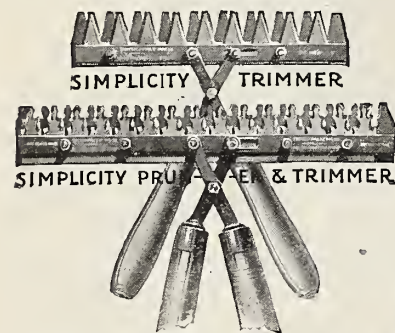
Hand Pruning. \$1.25 to

\$3.25; nicked, 6-in., \$2.

Hand Pruning, Wiss.

The best Shears made.

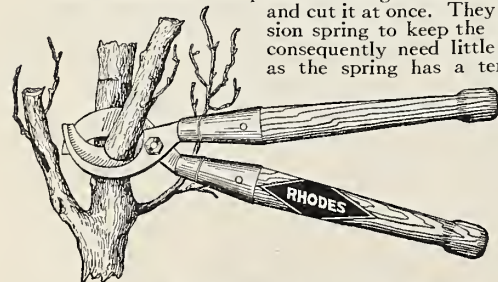
9-in., \$3.50; 10-in., \$4.

Simplicity Hedge Pruner and  
Hedge Trimmer. Cuts both open-  
ing and closing. Trimmer, \$4;  
pruner and trimmer, \$6.

## Yeakle Hedge Shears

These Shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention, as the spring has a tendency to keep them sharp.

\$6.75.



## Rhodes Lopping Shear

Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. The easiest operating Lopping Shear ever made or sold. 24-inch and 28-inch handles. \$5.

## Stake Fasteners

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.

Everlasting Style. Heavy. \$2.25 for 500; \$4 per 1,000.

Eureka Style. Light. \$1.60 for 500; \$3 per 1,000.

## Stakes

Stakes, Bamboo Garden. 4 feet, diam. ½ to ⅝ inch, \$4.25 per 100; 6 feet, diam. ⅝ to ¾ inch, \$8 per 100.

Stakes, Cane, Japanese. 5 to 6 ft., \$2.25 per 100; \$8 for 500; \$15 per 1,000.

Stakes, Galvanized Wire.

No. 10 Wire, Light			No. 8 Wire, Heavy		
	100	1,000		100	1,000
2 feet.....	\$1 25	\$9 25	4 feet.....	\$3 25	\$27 50
2½ feet.....	1 60	11 50	4½ feet.....	3 50	32 50
3 feet.....	2 00	13 75	5 feet.....	3 75	35 00
3½ feet.....	2 25	16 50	6 feet.....	4 75	40 00



1½ Ft. To 6 Ft. LONG

Round, light, tapering, painted green.

Each	Doz.	100	Each	Doz.	100
1½ feet...\$0 03	\$0 25	\$1 80	3½ feet....\$0 10	\$1 05	\$8 00
2 feet....05	45	3 35	4 feet.....12	1 30	9 60
2½ feet....07	65	4 95	5 feet.....16	1 70	12 75
3 feet.....08	85	6 60			

Square, tapering, painted green.

Each	Doz.	100	Each	Doz.	100
1½ feet...\$0 03	\$0 25	\$1 80	3½ feet....\$0 10	\$1 00	\$7 50
2 feet....04	40	3 00	4 feet.....12	1 30	9 60
2½ feet....07	65	4 35	5 feet.....17	1 85	14 00
3 feet.....08	80	6 00	6 feet.....18	1 95	15 60

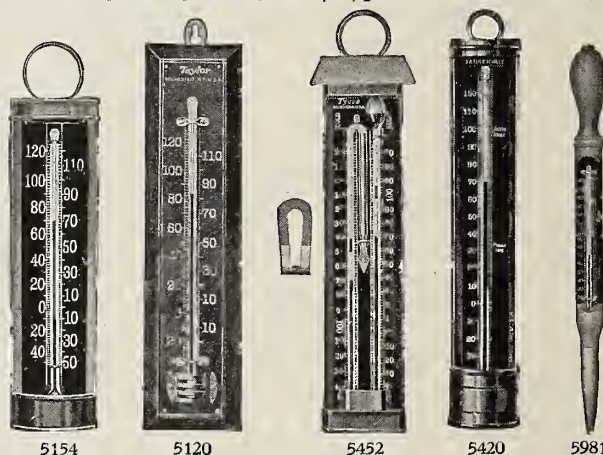
Heavy Rose or Dahlia. Round, painted green.

Each	Doz.	100	Each	Doz.	100
3 feet...\$0 13	\$1 35	\$10 35	5 feet....\$0 22	\$2 30	\$17 55
3½ feet....15	1 60	12 00	6 feet.....26	2 85	21 50
4 feet....17	1 80	13 70			

Hyacinth.

Used for staking hyacinths, tulips, and slender plants; dyed green.

Doz.	100	1,000	Doz.	100	1,000
1 foot....\$0 07	\$0 35	\$2 50	1½ feet...\$0 10	\$0 45	\$3 50



## Thermometers

No. 5420. Black japanned heavy tin case. For greenhouses. Black oxidized brass scale, white figures. (Spirit.) 8-in., \$1.15; 10-in., \$1.35.

No. 5154. Copper case; distance reading. Black oxidized brass scale, white figures. (Spirit.) Scale range, 120 degrees above to 40 degrees below zero. 8-in., \$1; 10-in., \$1.35.

No. 5981, Hotbed. Wood frame, 16 inches, with point. Brass oxidized scale, white figures and graduations. Best grade, \$2.75.

No. 5120. Distance reading. Wood-back Mission finish, brass scale, white figures and graduations. (Spirit.) 8-in., \$1.75.

No. 5452, Self-Registering. Copper case, black brass scale, white figures. Maximum and Minimum. \$6.25 each with Magnet.

No. 5400. Black japanned heavy tin case. (Mercury.) 8-in., \$2; 10-in., \$2.35.



## MISCELLANEOUS GARDEN TOOLS AND SUPPLIES, continued



## Trowels

**The Kingsbury Trowel.** All one piece of solid steel. 50 cts.

**Johnson Steel Trowels.** These have one-piece steel blade and shank, equal to the imported trowels.

5-inch.....\$0 75 | 7-inch.....\$0 85  
6-inch.....80

**Steel-Shank Trowel.** Somewhat long in blade and handle, making a very practical tool. 6-inch blade, 85 cts. each.

**Torch, Asbestos.** For burning caterpillars' nests. 65 cts.

**Wall Nails.** For fastening climbing vines; equipped with a soft metal clasp which holds the vine against the wall. Doz. 100

1-inch.....\$0 45 \$2 75  
1½-inch.....60 3 75  
2-inch.....75 4 50

**Wire, Galvanized.**

No.	Roll (12-lb.)	No.	Roll (12-lb.)
16.....	\$2 00	20.....	\$2 50
18.....	2 25	22.....	2 60
19.....	2 40		

**Wire, Cut Bouquet.** 12 inches.

No. 20. Per box (12 lbs.).....\$2 25  
No. 22. Per box (12 lbs.).....2 50  
No. 24. Per box (12 lbs.).....3 00

## Extension Ladders

**Spring Lock.** Complete with rope and pulleys. Per ft.

20 feet in two 10-foot sections.....\$0 75  
24 feet in two 12-foot sections.....75  
28 feet in two 14-foot sections.....75  
32 feet in two 16-foot sections.....80  
36 feet in two 18-foot sections.....80

**Single Ladders.** Made of white spruce XX, and white ash rounds. 10-ft. \$5.50; 12-ft. \$6.60; 14-ft. \$7.70; 16-ft. \$8.80; 18-ft. \$9.90; 20-ft. \$13.

**Success  
Flower  
Boxes**



**Success Flower Box.** Self-watering, well made, water-tight, galvanized steel box, finished in dark green enamel, 8½ inches wide, 6¼ inches deep, and is furnished in the following lengths:

24 inches....\$1 75 | 42 inches.....\$4 00  
30 inches....2 50 | 48 inches.....4 50  
36 inches....3 00

## Sundries

**Charcoal, Lump.** For use in potting. Pk. 65 cts.; bus. \$1.50; bbl. sack \$2.50.

**Lawn Mower Oil.** 50 cts. per qt.; \$1 per gal.

**Mastica.** For glazing greenhouses. One gallon will cover about 300 running feet. Gal. \$2.50.

**Orchid Peat.** Selected. Sack \$3.25.

**Jersey Peat.** Bbl. \$3.25.

**Sphagnum Moss, Dry.** 5-bbl. bale \$4.50.

**Sphagnum Moss, Live.** Bbl. \$3.25.

**Moss, Green Lump.** Bbl. \$3.25.

**Moss, Green Sheet.** Sack \$3.50.

**Propagating Sand.** Bbl. \$3.

**Green Silkaline.** Spool 40c.; 8 spools \$2.75.

**Green Twine.** Ball 15 cts.; lb. \$1.

**Jute Twine.** Ball 18 cts.

**Tar Twine.** Ball 35 cts.

**No. 18 Medium Italian Twine.** Ball 40 cts.

**No. 36 Heavy Italian Twine.** Ball 40 cts.

**Carnation Bands, Rubber.** For mending bursted calyx. ¼lb. \$1; oz. 30 cts.

**Grafting Wax.** ¼lb. 15c.; ½lb. 25c.; lb. 45c.

## Flower Pots, Saucers, and Plant Tubs

## Standard Earthenware Flower Pots

Full inside measurement. Six at dozen rates; 50 at 100 rates; 500 at 1,000 rates. Earthenware Flower Pots, Bulb Pans, and Saucers cannot be sent by mail, but only by express or freight, at customer's expense.

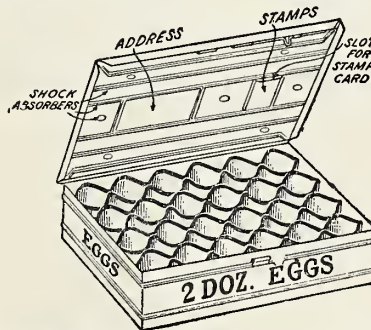
Size	Each	Doz.	100	1,000
2 in.....	\$0 02	\$0 18	\$1 02	\$9 56
2¼ in.....	02	18	1 16	10 84
2½ in.....	02	18	1 35	12 75
3 in.....	03	24	1 76	16 58
3½ in.....	03	29	2 16	20 40
4 in.....	04	36	2 70	25 50
4½ in.....	06	49	3 65	34 43
5 in.....	07	65	4 86	45 90
5½ in.....	08	81	6 08	57 38
6 in.....	09	98	7 29	68 85
6½ in.....	13	1 30	9 72	91 80
7 in.....	15	1 62	12 15	114 75
8 in.....	22	2 34	17 55	165 75
9 in.....	33	3 60	27 00	
10 in.....	45	4 86	36 45	
11 in.....	66	7 20	54 00	
12 in.....	91	9 90	74 25	
14 in.....	1 48	16 20	121 50	

## Earthenware Saucers

Size	Each	Doz.	100
4 in.....	\$0 03	\$0 27	\$2 03
5 in.....	04	36	2 70
6 in.....	06	54	4 05
7 in.....	07	72	5 40
8 in.....	10	99	7 43
9 in.....	14	1 35	10 13
10 in.....	15	1 62	12 15
11 in.....	19	1 98	14 85
12 in.....	23	2 43	18 23
14 in.....	37	4 05	30 38

## Round Bulb or Lily Pans

Width	Each	Doz.	100
6 in.....	\$0 09	\$0 98	\$7 29
7 in.....	15	1 62	12 15
8 in.....	22	2 34	17 55
9 in.....	33	3 60	27 00
10 in.....	45	4 86	36 45
12 in.....	91	9 90	74 25
14 in.....	1 48	16 20	121 50



## Metal Aluminized Egg-Crates

Metal Egg-Crates do not require outside wrapping for mailing. A short string only is needed for tying "pin" which holds lid securely closed.

Size	Weight Empty	Each
1¼-dozen.....	3 lbs.	\$1 25
2-dozen.....	3 lbs.	1 50
3-dozen.....	4 lbs.	1 75
4-dozen.....	5 lbs.	2 00
6-dozen.....	6 lbs.	2 50

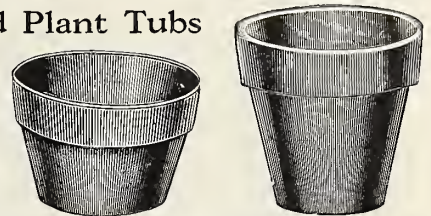
Postage extra

## Raffia

For tying, basket-making, and fancy-work; very long and fibrous.

**Natural Color,** 25 cts. per lb. (by mail, 35 cts.); 5 lbs. \$1.

**Green,** \$1.10 per lb. (by mail, \$1.20); 5 lbs. \$5.



## Wood Fiber Saucers

Each	Doz.	Each	Doz.
5 in...\$0 32	\$3 70	10 in..\$0 49	\$5 70
6 in...35	4 00	12 in..56	6 50
7 in...37	4 30	14 in..74	8 40
8 in...40	4 65	16 in..1 30	15 00
9 in...44	5 15	18 in..1 50	17 15

## Wood Fiber Vases

No.	Each	No.	Each
No. 0.....8 x 13	in.....\$1 60		
No. 1.....5½ x 10	in.....1 40		
No. 2.....4½ x 9	in.....1 25		
No. 3.....4 x 6	in.....1 10		
No. 4.....3 x 4½	in.....90		
No. 11.....5 x 18	in.....1 95		
No. 22.....4½ x 15	in.....1 75		
No. 33.....4 x 12	in.....1 60		
No. 44.....3 x 9	in.....1 25		

## Waterproof Paper Flower Pots

Doz.	100	1,000
2¼-inch pots.....\$0 12	\$0 50	\$4 45
2½-inch pots.....15	60	5 15
3-inch pots.....18	80	7 00
3½-inch pots.....20	1 00	9 15
4-inch pots.....25	1 30	11 40
5-inch pots.....30	2 00	17 75
6-inch pots.....45	2 70	21 75

## Cedar Tubs

Equipped with Strong Iron Drop Handles and Feet

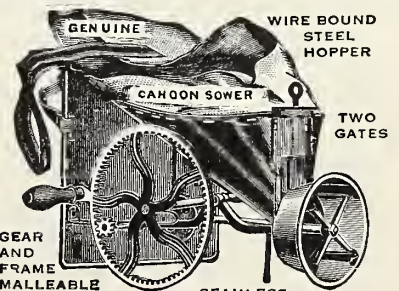
These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

No.	Inside diam.	Each
No. 0.....24¾ in.		\$13 95
No. 1.....23¾ in.		12 40
No. 2.....21¾ in.		11 05
No. 3.....18¾ in.		9 00
No. 4.....16½ in.		7 30
No. 5.....14½ in.		6 90
No. 6.....12½ in.		5 25
No. 7.....11¾ in.		4 65
No. 8.....10¾ in.		4 00

## Keystone Plant Tubs

Made of white cedar, painted green, and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 30 cts. per pair, not attached to tub.

No.	Inside diam.	Depth	Each
No. 5.....10 in.	9 in.		\$1 20
No. 6.....11 in.	10 in.		1 60
No. 7.....12 in.	11 in.		1 90
No. 8.....13 in.	12 in.		2 40
No. 9.....14 in.	13 in.		2 75
No. 10.....15 in.	14 in.		2 95
No. 11.....16 in.	15 in.		3 40
No. 12.....17 in.	16 in.		3 95
No. 13.....18 in.	17 in.		4 65
No. 14.....19 in.	18 in.		5 65



**Genuine Cahoon Seed Sower.** For sowing grain and grass seed. The most accurate and durable hand broadcast Sower. \$5.75.



## Sprayers, Etc.



### Auto Spray

This machine is one of the strongest and most simple in its parts. The pump is locked by means of sliding cam, which prevents wear, gives long service, and renders all parts instantly accessible. Reservoir holds 4 gallons, but should not be over two-thirds full of solution when ready for spraying. About two pumpings will empty the tank. It can be used in the garden for small trees and shrubs, or whitewashing. Cylinders are made of both galvanized iron and brass, with locked seams.

### Equipment

- No. 1A. Brass tank with Stop Cock.....\$9 50  
 No. 1B. Brass Tank with Auto Pop.....10 00  
 No. 1C. Galvanized Tank with Stop Cock. 6 50  
 No. 1D. Galvanized Tank with Auto Pop.. 7 00

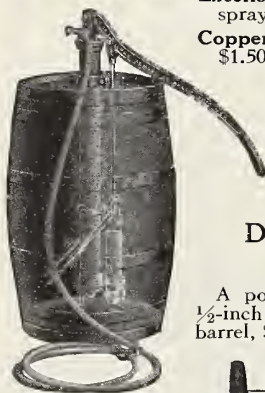
**Extension Pipes.** Brass, 2-foot lengths for spraying tall shrubs and trees. 60 cts.

**Copper Strainer.** For straining lumpy liquids. \$1.50.

**Auto-Pop Nozzle Attachment.** Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$2 each (by mail, \$2.10); complete, with hose, \$2.50 (by mail, \$2.60).

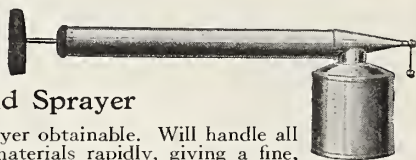
### Deming's Century Barrel Spray Pump

A powerful pump, with 12½-ft. section of ½-inch hose and nozzle, \$22; complete, with barrel, \$31.



### Hand Sprayer

The best Hand Sprayer obtainable. Will handle all the regular spraying materials rapidly, giving a fine, effective spray. Brass, 1-qt. \$1.50; tin, 1-qt. 75 cts.



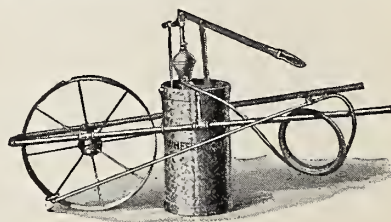
### Gardener's Choice Spray Outfit

One of the most convenient spraying outfits for garden, greenhouse, and orchard use; also for live stock. Is a splendid whitewashing outfit, as the pump is strong and durable, and has a good agitator. Reservoir holds 25 gallons; pump has a brass cylinder with 6-foot hose and nozzle. Complete as in cut, \$45.50.



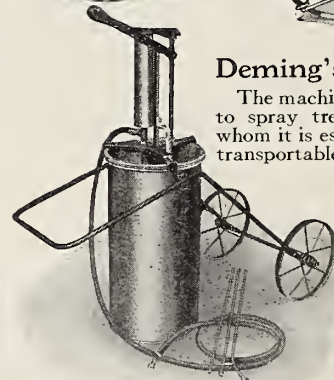
### Deming's Bucket Spray Pump

Deming's Perfect Success. With hose and nozzle. \$8.25.



### Deming's Wheelbarrow Sprayer

The machine for those who occasionally have to spray trees, chicken-houses, etc., and to whom it is essential that the spraying outfit be transportable. This Deming Sprayer is equipped with a 12-gallon tank, 10 feet of hose, 4-foot extension, and nozzle. \$30.



### Paragon Sprayer No. 3

Equipped with a 12-gallon tank mounted on a truck, three 2½-foot extension pipes, 2 nozzles and 10 feet of hose. \$25.



**Brass Syringe.** No. 103, \$6; No. 110, \$10.50.

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# Standard Gardening Books

(For those who seek practical, worthwhile advice)



**GARDEN GUIDE** (The Amateur Gardeners' Handbook). Direct, simple, and reliable information on vegetable, fruit and flower-garden, planning the home grounds, care of lawns, pruning directions, trees, shrubs, and climbers, bulbs, the rock-garden, how to propagate plants, other allied subjects too numerous for mention. Paper cover \$1; cloth cover \$1.50.

**A LITTLE BOOK OF ANNUALS.** A reliable guide through the season of annual bloom. Cloth cover \$1.75.

**A LITTLE BOOK OF PERENNIALS.** Devoted to the general principles of growing, using, selecting, and propagating perennials. Cloth cover \$1.75.

**A LITTLE BOOK OF CLIMBING PLANTS.** Written to answer most of the questions about suitable climbing plants and ground-covers for various purposes. Cloth cover \$2.

**HOME FRUIT GROWER.** For the amateur who seeks to grow high-quality fruits. Cloth cover \$1.65.

**MILADY'S HOUSE PLANTS.** For those seeking success with plants in the home. Tells how to care for Palms, Ferns, Rubber Plants, Fuchsias, Jerusalem Cherries and scores of other popular house plants, together with advice about the best plants to grow indoors. Cloth cover \$1.

## Reference Table

	Lbs. to bus.	Quantity per acre
Asparagus, 1 oz. to 50 feet of drill.....	4 to 5 lbs.	
Asparagus Roots.....	7,250	
Barley, broadcast.....	48 lbs.	2 bus.
Beans, Dwarf, 2 lbs. to 100 feet.....	60 lbs.	1 bus.
Beans, Pole, 2 lbs. to 100 hills.....	60 lbs.	1½ bus.
Beans, Soja, drilled.....	60 lbs.	40 lbs.
Beans, Soja, broadcast.....	60 to 75 lbs.	
Beets, Garden, 1 oz. to 50 feet.....	5 to 6 lbs.	
Beet, Mangel, 1 oz. to 50 feet.....	6 lbs.	
Broom Corn.....	46 lbs.	10 lbs.
Buckwheat, broadcast.....	48 lbs.	1 bus.
Cane Seed, for fodder.....	50 lbs.	75 lbs.
Carrot, 1 oz. to 100 feet of drill.....	3 to 4 lbs.	
Clover, Alsike and White.....	60 lbs.	8 lbs.
Clover, Alfalfa or Lucerne.....	60 lbs.	20 to 25 lbs.
Clover, Alfalfa or Lucerne.....	60 lbs.	20 to 25 lbs.
Clover, Crimson or Scarlet.....	60 lbs.	20 lbs.
Clover, Mammoth Red, Medium Red.....	60 lbs.	12 lbs.
Corn, Field, shelled, in hills.....	56 lbs.	8 qts.
Corn, Field, on the ear.....	70 lbs.	
Corn, for fodder or soiling.....	56 lbs.	2 bus.
Corn, Sweet, sold by measured bushel, 1 lb. to 100 hills.....	10 lbs.	
Corn, Rice Pop, shelled.....	4 lbs.	
Corn Salad, 3 ozs. to 100 feet.....	6 lbs.	
Cowpeas, in drills.....	60 lbs.	1 bus.
Cowpeas, broadcast.....	2 bus.	
Cress, 1 oz. to 100 feet of drill.....	12 lbs.	
Cucumber, 1 oz. to 50 hills.....	2 lbs.	
Dill, ½ oz. to 100 feet of drill.....	5 lbs.	
Endive, 1 oz. to 100 feet.....	5 lbs.	
Flaxseed, broadcast.....	56 lbs.	1½ bus.
Grass, Kentucky Blue.....	14 lbs.	3 bus.
Grass, Canadian Blue.....	14 lbs.	60 lbs.
Grass, Lawn.....	20 lbs.	80 to 100 lbs.
Grass, Red Top, fancy reseeded.....	32 lbs.	25 lbs.
Grass, Timothy.....	45 lbs.	1½ bus.
Grass, Orchard.....	14 lbs.	2 to 3 bus.
Grasses, Perennial Rye, Italian Rye, Wood Meadow.....	50 to 60 lbs.	
Grass, Creeping Bent.....	60 lbs.	
Horse-Radish Roots.....	10,000-15,000	
Kale, 1 oz. to 100 feet of drill.....	50 lbs.	5 lbs.
Kohlrabi, 1 oz. to 100 feet.....	4 lbs.	
Leek, 1 oz. to 100 feet of drill.....	4 lbs.	
Lettuce, 1 oz. to 100 feet of drill.....	3 lbs.	
Melon, Musk, 2 ozs. to 100 hills.....	2 to 3 lbs.	
Melon, Water, 4 ozs. to 100 hills.....	4 to 5 lbs.	

	Lbs. to bus.	Quantity per acre
Millet, Golden.....	50 lbs.	1 bus.
Millet, Hungarian.....	48 lbs.	1 bus.
Mustard, 1 oz. to 75 feet of drill.....	30 lbs.	
Nasturtium, 4 ozs. to 100 feet.....	15 lbs.	
Okra, 2 ozs. to 100 feet of drill.....	8 lbs.	
Oats, broadcast.....	32 lbs.	3 bus.
Onion Seed, 1 oz. to 100 feet of drill.....	5 to 6 lbs.	
Onion Seed, for sets.....	50 lbs.	
Onion Sets, 1 lb. to 50 feet of drill.....	32 lbs.	8 bus.
Parsnip, 1 oz. to 100 feet of drill.....	5 to 6 lbs.	
Parsley, 1 oz. to 100 feet of drill.....	5 to 6 lbs.	
Peas, Garden, Smooth, 2 lbs. to 100 feet of drill.....	60 lbs.	1½ bus.
Peas, Garden, Wrinkled, 2 lbs. to 100 feet of drill.....	56 lbs.	2 bus.
Peas, Field or Canada, broadcast.....	60 lbs.	1½ to 2 bus.
Potatoes, cut tubers, in drills.....	60 lbs.	10 bus.
Pumpkin, 4 ozs. to 100 hills.....	4 lbs.	
Radish, 1 oz. to 100 feet of drill.....	10 lbs.	
Rape, broadcast.....	50 lbs.	10 lbs.
Rye, broadcast.....	56 lbs.	1½ bus.
Sage, in drills.....	5 lbs.	
Salsify, 1 oz. to 50 feet of drill.....	8 lbs.	
Sorghum.....	50 lbs.	12 lbs.
Spinach, in drills, 1 oz. to 100 feet.....	40 lbs.	12 lbs.
Sunflower.....	25 lbs.	8 lbs.
Squash, Bush, 1 oz. to 25 hills.....	4 to 6 lbs.	
Squash, Running Varieties.....	3 to 4 lbs.	
Turnip, 1 oz. to 100 feet of drill.....	2 lbs.	
Turnip, broadcast.....	2½ lbs.	
Vetches.....	60 lbs.	1 bus.
Wheat, broadcast.....	60 lbs.	1½ to 2 bus.
Wheat, in drills.....	60 lbs.	1 bus.

### Number of Plants to the Acre

Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 by 1 foot.....	43,560	6 by 6 feet.....	1,210
1½ by 1½ feet.....	19,360	8 by 8 feet.....	680
2 by 1 foot.....	21,780	10 by 10 feet.....	435
2 by 2 feet.....	10,890	12 by 12 feet.....	302
2½ by 2½ feet.....	6,969	15 by 15 feet.....	193
3 by 2 feet.....	7,260	18 by 18 feet.....	134
3 by 3 feet.....	4,840	20 by 20 feet.....	109
4 by 4 feet.....	2,722	25 by 35 feet.....	70
5 by 4 feet.....	2,178	30 by 30 feet.....	48
5 by 5 feet.....	1,742		

## Bulbous Plants for the Garden

*Tulips, Narcissi, Hyacinths, Lilies, Crocuses, Lily-of-the-Valley, etc.*

*Also Irises, Peonies, Gladioli, Dahlias, Cannas, Anemones  
Ranunculus, Montbretias, Zephyranthes, and Tuberoses*

**T**HERE is no more interesting subject for the garden than bulbs, and no plants which repay one so profusely at so small a cost and with such a minimum output of labor. Their culture and care is of the simplest. This brochure tells how to handle bulbs so as to ensure the best of success, describes their peculiarities, and furnishes some knowledge of the many varieties in each of the classes; tells just how and when to plant them, and gives the various pointers in connection therewith in order that one may get the utmost satisfactory results out of them. *Paper cover, postpaid, 25 cts.*





Waterer's "Special" Evergreen Lawn Grass Seed Mixture

**HOSEA WATERER**  
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**EVERYTHING FOR THE GARDEN, LAWN, AND GREENHOUSE**